



Petroleum Supply Monthly

February 2013

With Data for December 2012



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Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

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Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the *PSM* describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The *PSM* presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Appendices

Three appendices are provided to assist in understanding and interpreting the data presented in this publication:

- Appendix A (District Descriptions and Maps) - Geographic aggregations of the 50 States and the District of Columbia into Refining Districts which make up the PAD Districts.
- Appendix B (Explanatory Notes) - Information describing data collection, sources, estimation methodology, data quality control procedures, modifications to reporting requirements and interpretation of tables.
- Appendix D (Northeast Home Heating Oil Reserve) - Contains volumes of heating oil held in terminals by the government as a reserve to reduce the risks of home heating oil shortages.

Industry terminology and product definitions are listed alphabetically in the Glossary. Final statistics for the data series published in the *PSM*, as well as additional data from the annual refinery survey are published in the *PSA*. The *PSA* is published approximately six months after the end of the report year.

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Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2012
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	217,917	--	--	234,865	10,612	-13,309	474,915	1,788	0	1,060,250
Natural Gas Plant Liquids and Liquefied Refinery Gases										
Pentanes Plus	74,837	-532	11,903	6,182	--	-17,626	19,894	10,102	80,020	153,453
Liquefied Petroleum Gases	9,751	-532	--	565	--	-761	6,127	3,157	1,261	12,602
Ethane/Ethylene	65,086	--	11,903	5,617	--	-16,865	13,767	6,945	78,759	140,851
Propane/Propylene	28,400	--	486	9	--	-1,161	--	--	30,056	35,396
Normal Butane/Butylene	23,442	--	17,936	4,967	--	-4,992	--	6,319	45,018	67,990
Isobutane/Isobutylene	6,027	--	-6,281	418	--	-10,353	8,075	625	1,817	28,685
	7,217	--	-238	223	--	-359	5,692	--	1,869	8,780
Other Liquids										279,467
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	28,890	--	1,641	5,340	888	32,159	2,824	0	23,724
Hydrogen	--	--	--	6,352	--	6,352	--	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,559	--	7	-36	81	81	1,368	0	836
Renewable Fuels (including Fuel Ethanol)	--	27,331	--	1,520	-895	795	25,705	1,456	0	22,846
Fuel Ethanol ⁵	--	25,971	--	1,234	-258	503	25,131	1,313	0	20,677
Renewable Fuels Except Fuel Ethanol	--	1,360	--	286	-637	292	574	143	0	2,169
Other Hydrocarbons	--	--	--	114	-81	12	21	--	0	42
Unfinished Oils	--	--	--	21,730	--	-3,629	17,895	--	7,464	81,679
Motor Gasoline Blend.Comp. (MGBC)	--	-3	--	14,682	-255	12,746	-3,118	4,796	0	174,037
Reformulated	--	--	--	5,504	5,157	4,285	5,680	696	0	50,572
Conventional	--	-3	--	9,178	-5,412	8,461	-8,798	4,100	0	123,465
Aviation Gasoline Blend. Comp.	--	--	--	--	--	21	-21	--	0	27
Finished Petroleum Products										313,585
Finished Motor Gasoline	--	1	566,628	18,820	1,048	19,134	--	92,803	474,560	56,817
Reformulated	--	1	278,794	1,981	513	3,258	--	18,299	259,733	56,817
Conventional	--	--	90,338	--	-4,713	24	--	--	85,601	43
Finished Aviation Gasoline	--	1	188,456	1,981	5,226	3,234	--	18,299	174,131	56,774
Kerosene-Type Jet Fuel	--	--	223	3	--	-55	--	--	281	1,043
Kerosene	--	--	45,342	1,825	--	-1,263	--	5,874	42,556	39,460
Distillate Fuel Oil ⁶	--	--	388	--	--	-116	--	429	75	1,723
15 ppm sulfur and under ⁷	--	--	151,605	5,880	535	16,884	--	31,724	109,411	134,742
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	135,772	3,682	535	18,105	--	22,882	99,002	102,698
Greater than 500 ppm sulfur	--	--	4,571	443	--	647	--	4,269	98	6,009
Residual Fuel Oil ⁸	--	--	11,262	1,755	--	-1,868	--	4,574	10,311	26,035
Less than 0.31 percent sulfur	--	--	11,291	5,518	--	-3,626	--	14,544	5,891	33,945
0.31 to 1.00 percent sulfur	--	--	1,233	813	--	-273	--	NA	NA	3,667
Greater than 1.00 percent sulfur	--	--	2,255	1,297	--	-1,020	--	NA	NA	5,967
Petrochemical Feedstocks	--	--	7,803	3,408	--	-2,333	--	NA	NA	24,311
Naphtha for Petro. Feed. Use	--	--	10,408	1,489	--	269	--	--	11,628	3,783
Other Oils for Petro. Feed. Use	--	--	7,649	660	--	191	--	--	8,118	2,188
Special Naphthas	--	--	2,759	829	--	78	--	--	3,510	1,595
Lubricants	--	--	1,275	268	--	82	--	1,402	59	1,228
Waxes	--	--	4,090	674	--	-87	--	2,039	2,812	9,562
Petroleum Coke	--	--	148	179	--	-26	--	158	195	527
Marketable	--	--	28,543	338	--	4	--	17,625	11,252	8,111
Catalyst	--	--	21,299	338	--	4	--	17,625	4,008	8,111
Asphalt and Road Oil	--	--	7,244	--	--	--	--	--	7,244	--
Still Gas	--	--	10,209	662	--	3,814	--	674	6,383	22,089
Miscellaneous Products	--	--	21,677	--	--	--	--	--	21,677	--
	--	--	2,635	3	--	-4	--	35	2,607	555
Total	292,754	28,356	578,531	297,920	16,745	-1,775	541,724	112,313	562,044	1,806,755

-- = Not Applicable.

= No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January–December 2012
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	2,369,484	--	--	3,107,825	70,011	33,421	5,492,025	21,874	0	1,060,250
Natural Gas Plant Liquids and Liquefied Refinery Gases	878,160	-6,536	229,395	73,238	--	24,744	185,432	113,554	850,527	153,453
Pentanes Plus	115,583	-6,536	--	10,680	--	-4,996	63,216	41,636	19,871	12,602
Liquefied Petroleum Gases	762,577	--	229,395	62,558	--	29,740	122,216	71,918	830,656	140,851
Ethane/Ethylene	355,275	--	6,606	115	--	12,504	--	349,492	35,396	
Propane/Propylene	259,387	--	201,568	50,620	--	13,356	--	62,490	435,729	67,990
Normal Butane/Butylene	65,686	--	20,197	7,462	--	2,229	51,517	9,428	30,171	28,685
Isobutane/Isobutylene	82,229	--	1,024	4,361	--	1,651	70,699	--	15,264	8,780
Other Liquids	--	360,457	--	461,774	-8,310	16,183	697,728	72,185	27,825	279,467
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	360,494	--	15,704	50,601	2,432	382,117	42,249	0	23,724
Hydrogen	--	--	--	--	69,372	--	69,372	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	20,747	--	7	1,599	-249	806	21,796	0	836
Renewable Fuels (including Fuel Ethanol)	--	339,747	--	12,966	-18,143	2,680	311,437	20,453	0	22,846
Fuel Ethanol ⁵	--	316,665	--	11,654	-5,935	2,416	302,312	17,656	0	20,677
Renewable Fuels Except Fuel Ethanol	--	23,082	--	1,312	-12,207	264	9,125	2,797	0	2,169
Other Hydrocarbons	--	--	--	2,731	-2,228	1	502	--	0	42
Unfinished Oils	--	--	--	220,689	--	2,560	190,296	--	27,833	81,679
Motor Gasoline Blend.Comp. (MGBC)	--	-37	--	225,381	-58,911	11,188	125,310	29,935	0	174,037
Reformulated	--	--	--	52,860	38,466	1,525	85,593	4,208	0	50,572
Conventional	--	-37	--	172,521	-97,377	9,663	39,717	25,727	0	123,465
Aviation Gasoline Blend. Comp.	--	--	--	--	--	3	5	--	-8	27
Finished Petroleum Products	--	307	6,538,983	235,413	76,696	-19,089	--	957,867	5,912,621	313,585
Finished Motor Gasoline	--	307	3,249,605	20,230	64,846	-4,623	--	154,299	3,185,312	56,817
Reformulated	--	--	1,093,640	--	-27,767	-159	--	715	1,065,316	43
Conventional	--	307	2,155,965	20,230	92,613	-4,464	--	153,584	2,119,995	56,774
Finished Aviation Gasoline	--	--	4,858	29	--	-89	--	--	4,976	1,043
Kerosene-Type Jet Fuel	--	--	538,152	20,309	--	-2,190	--	48,448	512,203	39,460
Kerosene	--	--	2,196	464	--	-726	--	2,004	1,382	1,723
Distillate Fuel Oil ⁶	--	--	1,666,086	45,861	11,850	-14,963	--	368,925	1,369,835	134,742
15 ppm sulfur and under ⁷	--	--	1,475,217	29,650	11,850	-1,877	--	262,158	1,256,436	102,698
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	50,494	3,818	--	-1,869	--	50,646	5,535	6,009
Greater than 500 ppm sulfur	--	--	140,375	12,393	--	-11,217	--	56,121	107,864	26,035
Residual Fuel Oil ⁸	--	--	175,256	91,079	--	-109	--	140,242	126,202	33,945
Less than 0.31 percent sulfur	--	--	12,006	16,142	--	-840	--	NA	NA	3,667
0.31 to 1.00 percent sulfur	--	--	28,100	15,003	--	799	--	NA	NA	5,967
Greater than 1.00 percent sulfur	--	--	135,150	59,934	--	-68	--	NA	NA	24,311
Petrochemical Feedstocks	--	--	111,755	26,035	--	605	--	--	137,185	3,783
Naphtha for Petro. Feed. Use	--	--	75,777	11,531	--	148	--	--	87,160	2,188
Other Oils for Petro. Feed. Use	--	--	35,978	14,504	--	457	--	--	50,025	1,595
Special Naphthas	--	--	16,319	4,244	--	167	--	17,847	2,549	1,228
Lubricants	--	--	57,594	10,738	--	-348	--	27,326	41,354	9,562
Waxes	--	--	2,889	1,511	--	-22	--	1,982	2,440	527
Petroleum Coke	--	--	310,481	3,813	--	739	--	184,167	129,388	8,111
Marketable	--	--	227,983	3,813	--	739	--	184,167	46,890	8,111
Catalyst	--	--	82,498	--	--	--	--	--	82,498	--
Asphalt and Road Oil	--	--	127,091	11,026	--	2,487	--	11,152	124,478	22,089
Still Gas	--	--	247,442	--	--	--	--	--	247,442	--
Miscellaneous Products	--	--	29,259	74	--	-17	--	1,474	27,876	555
Total	3,247,644	354,228	6,768,378	3,878,250	138,397	55,259	6,375,185	1,165,480	6,790,973	1,806,755

-- = Not Applicable.

= No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2012
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil ⁴	7,030	--	--	7,576	342	-429	15,320	58	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	2,414	-17	384	199	--	-569	642	326	2,581
Pentanes Plus	315	-17	--	18	--	-25	198	102	41
Liquefied Petroleum Gases	2,100	--	384	181	--	-544	444	224	2,541
Ethane/Ethylene	916	--	16	0	--	-37	--	--	970
Propane/Propylene	756	--	579	160	--	-161	--	204	1,452
Normal Butane/Butylene	194	--	-203	13	--	-334	260	20	59
Isobutane/Isobutylene	233	--	-8	7	--	-12	184	--	60
Other Liquids	--	932	--	1,228	164	323	1,513	246	241
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	932	--	53	172	29	1,037	91	0
Hydrogen	--	--	--	-	205	--	205	--	0
Oxygenates (excluding Fuel Ethanol)	--	50	--	0	-1	3	3	44	0
Renewable Fuels (including Fuel Ethanol)	--	882	--	49	-29	26	829	47	0
Fuel Ethanol ⁵	--	838	--	40	-8	16	811	42	0
Renewable Fuels Except Fuel Ethanol	--	44	--	9	-21	9	19	5	0
Other Hydrocarbons	--	--	--	4	-3	0	1	--	0
Unfinished Oils	--	--	--	701	--	-117	577	--	241
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	474	-8	411	-101	155	0
Reformulated	--	--	--	178	166	138	183	22	0
Conventional	--	0	--	296	-175	273	-284	132	0
Aviation Gasoline Blend. Comp.	--	--	--	-	--	1	-1	--	0
Finished Petroleum Products	--	0	18,278	607	34	617	--	2,994	15,308
Finished Motor Gasoline	--	0	8,993	64	17	105	--	590	8,378
Reformulated	--	--	2,914	-	-152	1	--	--	2,761
Conventional	--	0	6,079	64	169	104	--	590	5,617
Finished Aviation Gasoline	--	--	7	0	--	-2	--	--	9
Kerosene-Type Jet Fuel	--	--	1,463	59	--	-41	--	189	1,373
Kerosene	--	--	13	-	--	-4	--	14	2
Distillate Fuel Oil ⁶	--	--	4,890	190	17	545	--	1,023	3,529
15 ppm sulfur and under ⁷	--	--	4,380	119	17	584	--	738	3,194
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	147	14	-	21	--	138	3
Greater than 500 ppm sulfur	--	--	363	57	--	-60	--	148	333
Residual Fuel Oil ⁸	--	--	364	178	--	-117	--	469	190
Less than 0.31 percent sulfur	--	--	40	26	--	-9	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	73	42	--	-33	--	NA	NA
Greater than 1.00 percent sulfur	--	--	252	110	--	-75	--	NA	NA
Petrochemical Feedstocks	--	--	336	48	--	9	--	--	375
Naphtha for Petro. Feed. Use	--	--	247	21	--	6	--	--	262
Other Oils for Petro. Feed. Use	--	--	89	27	--	3	--	--	113
Special Naphthas	--	--	41	9	--	3	--	45	2
Lubricants	--	--	132	22	--	-3	--	66	91
Waxes	--	--	5	6	--	-1	--	5	6
Petroleum Coke	--	--	921	11	--	0	--	569	363
Marketable	--	--	687	11	--	0	--	569	129
Catalyst	--	--	234	--	--	--	--	--	234
Asphalt and Road Oil	--	--	329	21	--	123	--	22	206
Still Gas	--	--	699	--	--	--	--	--	699
Miscellaneous Products	--	--	85	0	--	0	--	1	84
Total	9,444	915	18,662	9,610	540	-57	17,475	3,623	18,130

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January–December 2012
 (Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil ⁴	6,474	--	--	8,491	191	91	15,006	60	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	2,399	-18	627	200	--	68	507	310	2,324
Pentanes Plus	316	-18	--	29	--	-14	173	114	54
Liquefied Petroleum Gases	2,084	--	627	171	--	81	334	196	2,270
Ethane/Ethylene	971	--	18	0	--	34	--	--	955
Propane/Propylene	709	--	551	138	--	36	--	171	1,191
Normal Butane/Butylene	179	--	55	20	--	6	141	26	82
Isobutane/Isobutylene	225	--	3	12	--	5	193	--	42
Other Liquids	--	985	--	1,262	-23	44	1,906	197	76
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	985	--	43	138	7	1,044	115	0
Hydrogen	--	--	--	--	190	--	190	--	0
Oxygenates (excluding Fuel Ethanol)	--	57	--	0	4	-1	2	60	0
Renewable Fuels (including Fuel Ethanol)	--	928	--	35	-50	7	851	56	0
Fuel Ethanol ⁵	--	865	--	32	-16	7	826	48	0
Renewable Fuels Except Fuel Ethanol	--	63	--	4	-33	1	25	8	0
Other Hydrocarbons	--	--	--	7	-6	0	1	--	0
Unfinished Oils	--	--	--	603	--	7	520	--	76
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	616	-161	31	342	82	0
Reformulated	--	--	--	144	105	4	234	11	0
Conventional	--	0	--	471	-266	26	109	70	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	17,866	643	210	-52	--	2,617	16,155
Finished Motor Gasoline	--	1	8,879	55	177	-13	--	422	8,703
Reformulated	--	--	2,988	--	-76	0	--	2	2,911
Conventional	--	1	5,891	55	253	-12	--	420	5,792
Finished Aviation Gasoline	--	--	13	0	--	0	--	--	14
Kerosene-Type Jet Fuel	--	--	1,470	55	--	-6	--	132	1,399
Kerosene	--	--	6	1	--	-2	--	5	4
Distillate Fuel Oil ⁶	--	--	4,552	125	32	-41	--	1,008	3,743
15 ppm sulfur and under ⁷	--	--	4,031	81	32	-5	--	716	3,433
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	138	10	--	-5	--	138	15
Greater than 500 ppm sulfur	--	--	384	34	--	-31	--	153	295
Residual Fuel Oil ⁸	--	--	479	249	--	0	--	383	345
Less than 0.31 percent sulfur	--	--	33	44	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	77	41	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	369	164	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	305	71	--	2	--	--	375
Naphtha for Petro. Feed. Use	--	--	207	32	--	0	--	--	238
Other Oils for Petro. Feed. Use	--	--	98	40	--	1	--	--	137
Special Naphthas	--	--	45	12	--	0	--	49	7
Lubricants	--	--	157	29	--	-1	--	75	113
Waxes	--	--	8	4	--	0	--	5	7
Petroleum Coke	--	--	848	10	--	2	--	503	354
Marketable	--	--	623	10	--	2	--	503	128
Catalyst	--	--	225	--	--	--	--	--	225
Asphalt and Road Oil	--	--	347	30	--	7	--	30	340
Still Gas	--	--	676	--	--	--	--	--	676
Miscellaneous Products	--	--	80	0	--	0	--	4	76
Total	8,873	968	18,493	10,596	378	151	17,419	3,184	18,555

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2012
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	793	--	--	24,803	-37	1,623	-2,928	30,106	4	0	8,257
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,724	-7	873	1,933	3,589	--	-374	801	502	7,183	6,373
Pentanes Plus	282	-7	--	-	-	--	-19	24	61	209	33
Liquefied Petroleum Gases	1,442	--	873	1,933	3,589	--	-355	777	441	6,974	6,340
Ethane/Ethylene	19	--	--	-	-	--	-	-	-	19	-
Propane/Propylene	971	--	1,150	1,800	3,587	--	109	-	171	7,228	5,184
Normal Butane/Butylene	204	--	-220	39	2	--	-426	568	270	-387	843
Isobutane/Isobutylene	248	--	-57	94	-	--	-38	209	-	114	313
Other Liquids	--	655	--	19,556	45,006	12,892	4,093	74,373	132	-489	59,714
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	657	--	799	8,616	-126	111	9,710	125	0	7,809
Hydrogen	--	--	--	-	-	136	--	136	-	0	--
Oxygenates (excluding Fuel Ethanol)	--	-	--	-	-	1	-	-	1	0	-
Renewable Fuels (including Fuel Ethanol)	--	657	--	799	8,616	-263	111	9,574	125	0	7,809
Fuel Ethanol ⁶	--	546	--	730	8,441	-97	91	9,405	124	0	7,195
Renewable Fuels Except Fuel Ethanol	--	111	--	69	175	-166	20	169	1	0	614
Other Hydrocarbons	--	--	--	-	-	--	-	-	-	-	-
Unfinished Oils	--	--	--	4,888	-36	--	-1,314	6,655	-	-489	5,889
Motor Gasoline Blend.Comp. (MGBC)	--	-2	--	13,869	36,426	13,018	5,296	58,008	7	0	46,016
Reformulated	--	-	--	5,504	8,196	1,842	1,952	13,589	1	0	16,333
Conventional	--	-2	--	8,365	28,230	11,176	3,344	44,419	6	0	29,683
Aviation Gasoline Blend. Comp.	--	--	--	-	-	--	-	-	-	-	-
Finished Petroleum Products	--	-	106,442	10,423	49,812	-12,758	5,131	--	2,909	145,879	77,905
Finished Motor Gasoline	--	-	86,263	1,437	11,192	-12,922	210	--	46	85,714	8,089
Reformulated	--	-	35,890	-	-	-1,089	21	--	-	34,780	28
Conventional	--	-	50,373	1,437	11,192	-11,833	189	--	46	50,934	8,061
Finished Aviation Gasoline	--	--	-	1	-	--	-16	--	-	17	144
Kerosene-Type Jet Fuel	--	--	1,929	762	13,861	--	-1,100	--	9	17,643	8,506
Kerosene	--	--	82	-	-	--	-201	--	1	282	1,161
Distillate Fuel Oil ⁷	--	--	11,558	4,564	24,242	163	5,847	--	670	34,010	45,074
15 ppm sulfur and under ⁸	--	--	8,113	3,195	19,359	163	7,904	--	230	22,696	26,049
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	210	23	-19	-	327	--	439	-552	1,305
Greater than 500 ppm sulfur	--	--	3,235	1,346	4,902	--	-2,384	--	1	11,866	17,720
Residual Fuel Oil ⁹	--	--	1,988	3,326	7	--	-87	--	918	4,490	9,526
Less than 0.31 percent sulfur	--	--	702	531	-	--	76	--	NA	NA	1,524
0.31 to 1.00 percent sulfur	--	--	231	779	-	--	-1,212	--	NA	NA	2,494
Greater than 1.00 percent sulfur	--	--	1,055	2,016	7	--	1,049	--	NA	NA	5,508
Petrochemical Feedstocks	--	--	130	8	-55	--	-19	--	-	102	179
Naphtha for Petro. Feed. Use	--	--	130	5	-	--	-19	--	-	154	179
Other Oils for Petro. Feed. Use	--	--	-	3	-55	--	-	--	-	-52	-
Special Naphthas	--	--	19	-	-	--	-2	--	4	17	26
Lubricants	--	--	310	115	194	--	-26	--	153	492	1,140
Waxes	--	--	-3	88	-	--	-3	--	54	34	228
Petroleum Coke	--	--	1,126	30	-	--	-	--	661	495	-
Marketable	--	--	316	30	-	--	-	--	661	-315	-
Catalyst	--	--	810	-	-	--	-	--	-	810	--
Asphalt and Road Oil	--	--	1,707	92	371	--	516	--	377	1,277	3,794
Still Gas	--	--	1,242	-	--	--	-	--	-	1,242	--
Miscellaneous Products	--	--	91	-	-	--	12	--	16	63	38
Total	2,517	648	107,315	56,715	98,370	1,756	5,922	105,280	3,547	152,573	152,249

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey," Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2012
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	8,671	--	--	316,590	3,113	17,540	-1,645	344,576	2,982	0	8,257
Natural Gas Plant Liquids and Liquefied Refinery Gases	16,424	-84	14,202	17,811	26,702	--	-1,245	7,115	3,052	66,133	6,373
Pentanes Plus	2,799	-84	--	185	-19	--	2	63	315	2,501	33
Liquefied Petroleum Gases	13,625	--	14,202	17,626	26,721	--	-1,247	7,052	2,737	63,632	6,340
Ethane/Ethylene	174	--	93	--	--	--	0	--	--	267	--
Propane/Propylene	9,159	--	12,922	15,879	26,599	--	-445	--	1,230	63,774	5,184
Normal Butane/Butylene	2,062	--	1,435	598	122	--	-861	3,286	1,507	285	843
Isobutane/Isobutylene	2,230	--	-248	1,149	--	--	59	3,766	--	-694	313
Other Liquids	--	8,141	--	262,221	562,729	64,441	-2,221	904,998	3,810	-9,056	59,714
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	8,167	--	11,474	106,912	-5,870	911	117,615	2,156	0	7,809
Hydrogen	--	--	--	--	--	1,459	--	1,459	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	39	--	--	39	0	--
Renewable Fuels (including Fuel Ethanol)	--	8,167	--	9,824	106,912	-5,718	911	116,156	2,117	0	7,809
Fuel Ethanol ⁶	--	6,716	--	9,090	103,258	-2,230	1,043	113,762	2,029	0	7,195
Renewable Fuels Except Fuel Ethanol	--	1,451	--	734	3,654	-3,488	-132	2,394	88	0	614
Other Hydrocarbons	--	--	--	1,650	--	-1,650	--	--	--	0	--
Unfinished Oils	--	--	--	40,990	-276	--	387	49,383	--	-9,056	5,889
Motor Gasoline Blend.Comp. (MGBC)	--	-26	--	209,757	456,093	70,311	-3,519	738,000	1,654	0	46,016
Reformulated	--	--	--	52,459	97,431	17,457	-2,032	169,371	8	0	16,333
Conventional	--	-26	--	157,298	358,662	52,854	-1,487	568,629	1,646	0	29,683
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1,263,319	128,210	572,420	-64,928	-14,057	--	80,163	1,832,916	77,905
Finished Motor Gasoline	--	--	1,041,634	13,317	127,306	-68,081	-1,482	--	1,081	1,114,577	8,089
Reformulated	--	--	432,919	--	80	-2,695	-136	--	33	430,408	28
Conventional	--	--	608,715	13,317	127,226	-65,386	-1,346	--	1,048	684,170	8,061
Finished Aviation Gasoline	--	--	-1	12	2,604	--	-27	--	--	2,642	144
Kerosene-Type Jet Fuel	--	--	19,033	8,301	171,026	--	-1,814	--	1,036	199,138	8,506
Kerosene	--	--	132	317	--	--	-568	--	412	605	1,161
Distillate Fuel Oil ⁷	--	--	126,138	37,839	260,229	3,153	-10,130	--	44,977	392,512	45,074
15 ppm sulfur and under ⁸	--	--	84,846	25,184	206,425	3,153	3,747	--	10,609	305,252	26,049
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	1,935	2,247	4,857	--	-1,435	--	12,977	-2,503	1,305
Greater than 500 ppm sulfur	--	--	39,357	10,408	48,947	--	-12,442	--	21,391	89,763	17,720
Residual Fuel Oil ⁹	--	--	20,562	59,186	2,297	--	-27	--	17,200	64,872	9,526
Less than 0.31 percent sulfur	--	--	5,617	13,551	--	--	-578	--	NA	NA	1,524
0.31 to 1.00 percent sulfur	--	--	1,991	6,636	313	--	315	--	NA	NA	2,494
Greater than 1.00 percent sulfur	--	--	12,954	38,999	1,984	--	236	--	NA	NA	5,508
Petrochemical Feedstocks	--	--	1,444	685	190	--	5	--	--	2,314	179
Naphtha for Petro. Feed. Use	--	--	1,444	630	509	--	5	--	--	2,578	179
Other Oils for Petro. Feed. Use	--	--	-	55	-319	--	-	--	--	-264	-
Special Naphthas	--	--	273	85	--	--	-16	--	1,192	-818	26
Lubricants	--	--	5,238	1,525	4,538	--	-11	--	2,418	8,894	1,140
Waxes	--	--	62	814	--	--	10	--	809	57	228
Petroleum Coke	--	--	13,431	894	--	--	-	--	7,496	6,829	-
Marketable	--	--	4,428	894	--	--	-	--	7,496	-2,174	-
Catalyst	--	--	9,003	--	--	--	--	--	--	9,003	--
Asphalt and Road Oil	--	--	20,305	5,235	4,230	--	3	--	3,354	26,413	3,794
Still Gas	--	--	14,008	--	--	--	--	--	--	14,008	--
Miscellaneous Products	--	--	1,060	--	--	--	0	--	187	873	38
Total	25,095	8,057	1,277,521	724,832	1,164,964	17,053	-19,168	1,256,689	90,007	1,889,993	152,249

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2012
 (Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	26	--	--	800	-1	52	-94	971	0	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	56	0	28	62	116	--	-12	26	16	232
Pentanes Plus	9	0	--	—	—	—	-1	1	2	7
Liquefied Petroleum Gases	47	--	28	62	116	--	-11	25	14	225
Ethane/Ethylene	1	--	—	—	—	—	—	—	—	1
Propane/Propylene	31	--	37	58	116	--	4	—	6	233
Normal Butane/Butylene	7	--	-7	1	0	--	-14	18	9	-12
Isobutane/Isobutylene	8	--	-2	3	—	--	-1	7	—	4
Other Liquids	--	21	--	631	1,452	416	132	2,399	4	-16
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	21	--	26	278	-4	4	313	4	0
Hydrogen	--	--	--	—	—	4	--	4	—	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	—	—	0	—	—	0	0
Renewable Fuels (including Fuel Ethanol)	--	21	--	26	278	-8	4	309	4	0
Fuel Ethanol ⁶	--	18	--	24	272	-3	3	303	4	0
Renewable Fuels Except Fuel Ethanol	--	4	--	2	6	-5	1	5	0	0
Other Hydrocarbons	--	--	--	—	—	—	—	—	—	—
Unfinished Oils	--	--	--	158	-1	--	-42	215	—	-16
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	447	1,175	420	171	1,871	0	0
Reformulated	--	—	--	178	264	59	63	438	0	0
Conventional	--	0	--	270	911	361	108	1,433	0	0
Aviation Gasoline Blend. Comp.	--	--	--	—	—	--	—	—	—	—
Finished Petroleum Products	--	—	3,434	336	1,607	-412	166	--	94	4,706
Finished Motor Gasoline	--	—	2,783	46	361	-417	7	--	1	2,765
Reformulated	--	—	1,158	—	—	-35	1	--	—	1,122
Conventional	--	—	1,625	46	361	-382	6	--	1	1,643
Finished Aviation Gasoline	--	—	—	0	—	—	-1	—	—	1
Kerosene-Type Jet Fuel	--	—	62	25	447	--	-35	—	0	569
Kerosene	--	—	3	—	—	—	-6	—	0	9
Distillate Fuel Oil ⁷	--	—	373	147	782	5	189	—	22	1,097
15 ppm sulfur and under ⁸	--	—	262	103	624	5	255	—	7	732
Greater than 15 ppm to 500 ppm sulfur ⁸	--	—	7	1	-1	—	11	—	14	-18
Greater than 500 ppm sulfur	--	—	104	43	158	—	-77	—	0	383
Residual Fuel Oil ⁹	--	—	64	107	0	—	-3	—	30	145
Less than 0.31 percent sulfur	--	—	23	17	—	—	2	—	NA	NA
0.31 to 1.00 percent sulfur	--	—	7	25	—	—	-39	—	NA	NA
Greater than 1.00 percent sulfur	--	—	34	65	0	—	34	—	NA	NA
Petrochemical Feedstocks	--	—	4	0	-2	—	-1	—	—	3
Naphtha for Petro. Feed. Use	--	—	4	0	—	—	-1	—	—	5
Other Oils for Petro. Feed. Use	--	—	—	0	-2	—	—	—	—	-2
Special Naphthas	--	—	1	—	—	—	0	—	0	1
Lubricants	--	—	10	4	6	—	-1	—	5	16
Waxes	--	—	0	3	—	—	0	—	2	1
Petroleum Coke	--	—	36	1	—	—	—	—	21	16
Marketable	--	—	10	1	—	—	—	—	21	-10
Catalyst	--	—	26	—	—	—	—	—	—	26
Asphalt and Road Oil	--	—	55	3	12	—	17	—	12	41
Still Gas	--	—	40	—	—	—	—	—	—	40
Miscellaneous Products	--	—	3	—	—	—	0	—	1	2
Total	81	21	3,462	1,830	3,173	57	191	3,396	114	4,922

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

8 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

9 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2012
 (Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	24	--	--	865	9	48	-4	941	8	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	45	0	39	49	73	--	-3	19	8	181
Pentanes Plus	8	0	--	1	0	--	0	0	1	7
Liquefied Petroleum Gases	37	--	39	48	73	--	-3	19	7	174
Ethane/Ethylene	0	--	0	--	--	--	0	--	--	1
Propane/Propylene	25	--	35	43	73	--	-1	--	3	174
Normal Butane/Butylene	6	--	4	2	0	--	-2	9	4	1
Isobutane/Isobutylene	6	--	-1	3	--	--	0	10	--	-2
Other Liquids	--	22	--	716	1,538	176	-6	2,473	10	-25
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	22	--	31	292	-16	2	321	6	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	22	--	27	292	-16	2	317	6	0
Fuel Ethanol ⁶	--	18	--	25	282	-6	3	311	6	0
Renewable Fuels Except Fuel Ethanol	--	4	--	2	10	-10	0	7	0	0
Other Hydrocarbons	--	--	--	5	--	-5	--	--	--	0
Unfinished Oils	--	--	--	112	-1	--	1	135	--	-25
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	573	1,246	192	-10	2,016	5	0
Reformulated	--	--	--	143	266	48	-6	463	0	0
Conventional	--	0	--	430	980	144	-4	1,554	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,452	350	1,564	-177	-38	--	219	5,008
Finished Motor Gasoline	--	--	2,846	36	348	-186	-4	--	3	3,045
Reformulated	--	--	1,183	--	0	-7	0	--	0	1,176
Conventional	--	--	1,663	36	348	-179	-4	--	3	1,869
Finished Aviation Gasoline	--	--	0	0	7	--	0	--	--	7
Kerosene-Type Jet Fuel	--	--	52	23	467	--	-5	--	3	544
Kerosene	--	--	0	1	--	--	-2	--	1	2
Distillate Fuel Oil ⁷	--	--	345	103	711	9	-28	--	123	1,072
15 ppm sulfur and under ⁸	--	--	232	69	564	9	10	--	29	834
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	5	6	13	--	-4	--	35	-7
Greater than 500 ppm sulfur	--	--	108	28	134	--	-34	--	58	245
Residual Fuel Oil ⁹	--	--	56	162	6	--	0	--	47	177
Less than 0.31 percent sulfur	--	--	15	37	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	18	1	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	35	107	5	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	4	2	1	--	0	--	--	6
Naphtha for Petro. Feed. Use	--	--	4	2	1	--	0	--	--	7
Other Oils for Petro. Feed. Use	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas	--	--	1	0	--	--	0	--	3	-2
Lubricants	--	--	14	4	12	--	0	--	7	24
Waxes	--	--	0	2	--	--	0	--	2	0
Petroleum Coke	--	--	37	2	--	--	--	--	20	19
Marketable	--	--	12	2	--	--	--	--	20	-6
Catalyst	--	--	25	--	--	--	--	--	--	25
Asphalt and Road Oil	--	--	55	14	12	--	0	--	9	72
Still Gas	--	--	38	--	--	--	--	--	--	38
Miscellaneous Products	--	--	3	--	--	--	0	--	1	2
Total	69	22	3,490	1,980	3,183	47	-52	3,434	246	5,164

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

8 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

9 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2012
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	38,302	--	--	54,792	27,142	-5,172	6,587	106,693	1,784	0	115,539
Natural Gas Plant Liquids and Liquefied Refinery Gases	13,347	-492	961	2,968	-1,230	--	-8,419	4,697	2,154	17,122	43,698
Pentanes Plus	1,515	-492	--	11	2,659	--	45	1,128	2,042	478	6,686
Liquefied Petroleum Gases	11,832	--	961	2,957	-3,889	--	-8,464	3,569	112	16,644	37,012
Ethane/Ethylene	4,282	--	--	9	-3,602	--	-406	--	--	1,095	3,590
Propane/Propylene	5,058	--	3,297	2,638	-1,718	--	-4,086	--	36	13,325	22,020
Normal Butane/Butylene	1,576	--	-2,309	200	814	--	-3,975	2,114	76	2,066	9,049
Isobutane/Isobutylene	916	--	-27	110	617	--	3	1,455	--	158	2,353
Other Liquids	--	25,063	--	140	-7,405	-5,746	3,038	8,458	901	-345	50,206
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	25,064	--	70	-16,312	470	890	7,721	681	0	8,090
Hydrogen	--	--	--	--	--	753	--	753	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	25,064	--	1	-16,312	-248	878	6,947	680	0	8,048
Fuel Ethanol ⁶	--	23,962	--	--	-15,742	-69	711	6,762	677	0	7,367
Renewable Fuels Except Fuel Ethanol	--	1,102	--	1	-569	-179	167	185	3	0	681
Other Hydrocarbons	--	--	--	69	--	-36	12	21	--	0	42
Unfinished Oils	--	--	--	--	-157	--	-967	1,155	--	-345	12,545
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	70	9,064	-6,216	3,115	-418	220	0	29,571
Reformulated	--	--	--	--	-	1,108	-577	391	140	0	6,092
Conventional	--	-1	--	70	7,956	-5,639	2,724	-558	220	0	23,479
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	1	125,812	901	6,640	6,464	11,289	--	1,735	126,794	77,975
Finished Motor Gasoline	--	1	68,662	43	2,283	6,285	3,474	--	38	73,762	24,316
Reformulated	--	--	10,936	--	--	348	--	--	--	11,284	--
Conventional	--	1	57,726	43	2,283	5,937	3,474	--	38	62,478	24,316
Finished Aviation Gasoline	--	--	42	1	29	--	19	--	--	53	202
Kerosene-Type Jet Fuel	--	--	6,423	--	645	--	-575	--	100	7,543	6,997
Kerosene	--	--	211	--	--	--	49	--	0	162	222
Distillate Fuel Oil	--	--	32,884	181	4,580	179	5,335	--	109	32,380	31,414
15 ppm sulfur and under ⁷	--	--	32,941	173	4,347	179	5,067	--	10	32,562	29,512
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	220	8	233	--	199	--	29	233	1,138
Greater than 500 ppm sulfur	--	--	-277	--	--	--	69	--	70	-416	764
Residual Fuel Oil ⁸	--	--	1,217	211	-840	--	72	--	134	382	1,377
Less than 0.31 percent sulfur	--	--	--	1	--	--	-62	--	NA	NA	140
0.31 to 1.00 percent sulfur	--	--	144	113	--	--	47	--	NA	NA	190
Greater than 1.00 percent sulfur	--	--	1,073	97	-840	--	87	--	NA	NA	1,047
Petrochemical Feedstocks	--	--	1,304	117	-74	--	9	--	--	1,338	653
Naphtha for Petro. Feed. Use	--	--	937	76	-89	--	-14	--	--	938	535
Other Oils for Petro. Feed. Use	--	--	367	41	15	--	23	--	--	400	118
Special Naphthas	--	--	-23	24	8	--	43	--	14	-48	139
Lubricants	--	--	-1	71	190	--	-124	--	195	189	547
Waxes	--	--	--	--	--	--	-11	--	36	-25	18
Petroleum Coke	--	--	5,439	46	--	--	782	--	1,083	3,620	1,783
Marketable	--	--	3,914	46	--	--	782	--	1,083	2,095	1,783
Catalyst	--	--	1,525	--	--	--	--	--	--	1,525	--
Asphalt and Road Oil	--	--	5,123	205	-181	--	2,197	--	24	2,926	10,215
Still Gas	--	--	4,128	--	--	--	--	--	--	4,128	--
Miscellaneous Products	--	--	403	2	--	--	19	--	0	386	92
Total	51,649	24,572	126,773	58,801	25,147	-4,454	12,495	119,848	6,574	143,571	287,418

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2012
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	406,230	--	--	627,177	291,709	-26,830	22,350	1,258,338	17,598	0	115,539
Natural Gas Plant Liquids and Liquefied Refinery Gases	163,206	-6,039	44,417	38,406	-9,286	--	-4,499	38,401	39,229	157,573	43,698
Pentanes Plus	18,145	-6,039	--	213	29,889	--	-1,601	11,319	35,327	-2,837	6,686
Liquefied Petroleum Gases	145,061	--	44,417	38,193	-39,175	--	-2,898	27,082	3,902	160,410	37,012
Ethane/Ethylene	59,641	--	--	115	-39,435	--	-716	--	--	21,037	3,590
Propane/Propylene	56,669	--	39,605	29,928	-8,810	--	-1,120	--	580	117,932	22,020
Normal Butane/Butylene	18,017	--	4,174	5,069	3,807	--	-1,349	10,374	3,322	18,720	9,049
Isobutane/Isobutylene	10,734	--	638	3,081	5,263	--	287	16,708	--	2,721	2,353
Other Liquids	--	308,140	--	1,727	-93,138	-67,784	3,099	136,236	9,098	512	50,206
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	308,151	--	988	-207,940	937	983	93,336	7,847	-30	8,090
Hydrogen	--	--	--	--	--	7,982	--	7,982	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	6	--	--	6	0	--
Renewable Fuels (including Fuel Ethanol)	--	308,151	--	205	-207,940	-6,771	982	84,852	7,841	-30	8,048
Fuel Ethanol ⁶	--	291,543	--	--	-201,064	-1,607	706	81,533	6,632	0	7,367
Renewable Fuels Except Fuel Ethanol	--	16,608	--	205	-6,875	-5,164	276	3,319	1,208	--	681
Other Hydrocarbons	--	--	--	783	--	-280	1	502	--	0	42
Unfinished Oils	--	--	--	47	1,644	--	391	757	--	543	12,545
Motor Gasoline Blend.Comp. (MGBC)	--	-11	--	692	113,158	-68,721	1,741	42,126	1,251	0	29,571
Reformulated	--	--	--	--	20,718	-6,995	252	13,469	--	0	6,092
Conventional	--	-11	--	692	92,440	-61,726	1,489	28,657	1,249	0	23,479
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-16	17	--	-1	--
Finished Petroleum Products	--	307	1,465,718	10,426	61,744	74,585	-1,665	--	19,532	1,594,914	77,975
Finished Motor Gasoline	--	307	802,585	127	23,438	70,328	-2	--	1,085	895,702	24,316
Reformulated	--	--	129,923	--	--	5,782	--	--	6	135,699	--
Conventional	--	307	672,662	127	23,438	64,546	-2	--	1,079	760,003	24,316
Finished Aviation Gasoline	--	--	903	13	55	--	31	--	--	940	202
Kerosene-Type Jet Fuel	--	--	84,081	--	6,889	--	-1,583	--	3,016	89,537	6,997
Kerosene	--	--	798	1	-100	--	-94	--	31	762	222
Distillate Fuel Oil	--	372,341	971	39,631	4,257	-1,954	--	2,143	417,011	31,414	
15 ppm sulfur and under ⁷	--	368,824	886	54,336	4,257	-1,945	--	454	429,794	29,512	
Greater than 15 ppm to 500 ppm sulfur ⁷	--	3,168	49	-14,705	--	143	--	1,023	-12,654	1,138	
Greater than 500 ppm sulfur	--	349	36	--	--	-152	--	666	-129	764	
Residual Fuel Oil ⁸	--	--	15,886	2,394	-8,997	--	-70	--	2,209	7,144	1,377
Less than 0.31 percent sulfur	--	--	0	102	--	--	-76	--	NA	NA	140
0.31 to 1.00 percent sulfur	--	--	1,936	1,159	--	--	-16	--	NA	NA	190
Greater than 1.00 percent sulfur	--	--	13,950	1,133	-8,997	--	22	--	NA	NA	1,047
Petrochemical Feedstocks	--	--	--	15,426	1,249	-1,458	--	103	--	15,114	653
Naphtha for Petro. Feed. Use	--	--	11,269	746	-1,449	--	77	--	10,489	535	
Other Oils for Petro. Feed. Use	--	--	4,157	503	-9	--	26	--	4,625	118	
Special Naphthas	--	--	-289	440	229	--	11	--	140	229	139
Lubricants	--	--	--	2,782	1,384	4,255	--	-232	--	3,400	5,253
Waxes	--	--	--	496	20	--	-7	--	465	58	18
Petroleum Coke	--	--	--	59,549	506	--	--	790	--	4,892	54,373
Marketable	--	--	--	42,211	506	--	--	790	--	4,892	37,035
Catalyst	--	--	--	17,338	--	--	--	--	--	17,938	--
Asphalt and Road Oil	--	--	--	57,937	3,278	-2,198	--	1,337	--	2,143	55,537
Still Gas	--	--	--	48,708	--	--	--	--	--	48,708	--
Miscellaneous Products	--	--	--	4,515	43	--	--	5	--	8	4,545
Total	569,436	302,408	1,510,135	677,736	251,029	-20,029	19,285	1,432,975	85,456	1,752,999	287,418

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2012
 (Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,236	--	--	1,767	876	-167	212	3,442	58	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	431	-16	31	96	-40	--	-272	152	69	552
Pentanes Plus	49	-16	--	0	86	--	1	36	66	15
Liquefied Petroleum Gases	382	--	31	95	-125	--	-273	115	4	537
Ethane/Ethylene	138	--	--	0	-116	--	-13	--	--	35
Propane/Propylene	163	--	106	85	-55	--	-132	--	1	430
Normal Butane/Butylene	51	--	-74	6	26	--	-128	68	2	67
Isobutane/Isobutylene	30	--	-1	4	20	--	0	47	--	5
Other Liquids	--	808	--	5	-239	-185	98	273	29	-11
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	809	--	2	-526	15	29	249	22	0
Hydrogen	--	--	--	--	--	24	--	24	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	809	--	0	-526	-8	28	224	22	0
Fuel Ethanol ⁶	--	773	--	--	-508	-2	23	218	22	0
Renewable Fuels Except Fuel Ethanol	--	36	--	0	-18	-6	5	6	0	0
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	--	-5	--	-31	37	--	-11
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	292	-201	100	-13	7	0
Reformulated	--	--	--	--	36	-19	13	5	--	0
Conventional	--	0	--	2	257	-182	88	-18	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	0	4,058	29	214	209	364	--	56	4,090
Finished Motor Gasoline	--	0	2,215	1	74	203	112	--	1	2,379
Reformulated	--	--	353	--	--	11	--	--	--	364
Conventional	--	0	1,862	1	74	192	112	--	1	2,015
Finished Aviation Gasoline	--	--	1	0	1	--	1	--	--	2
Kerosene-Type Jet Fuel	--	--	207	--	21	--	-19	--	3	243
Kerosene	--	--	7	--	--	--	2	--	0	5
Distillate Fuel Oil	--	--	1,061	6	148	6	172	--	4	1,045
15 ppm sulfur and under ⁷	--	--	1,063	6	140	6	163	--	0	1,050
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	7	0	8	--	6	--	1	8
Greater than 500 ppm sulfur	--	--	-9	--	--	--	2	--	2	-13
Residual Fuel Oil ⁸	--	--	39	7	-27	--	2	--	4	12
Less than 0.31 percent sulfur	--	--	--	0	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	4	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	35	3	-27	--	3	--	NA	NA
Petrochemical Feedstocks	--	--	42	4	-2	--	0	--	--	43
Naphtha for Petro. Feed. Use	--	--	30	2	-3	--	0	--	--	30
Other Oils for Petro. Feed. Use	--	--	12	1	0	--	1	--	--	13
Special Naphthas	--	--	-1	1	0	--	1	--	0	-2
Lubricants	--	--	0	2	6	--	-4	--	6	6
Waxes	--	--	--	--	--	--	0	--	1	-1
Petroleum Coke	--	--	175	1	--	--	25	--	35	117
Marketable	--	--	126	1	--	--	25	--	35	68
Catalyst	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	165	7	-6	--	71	--	1	94
Still Gas	--	--	133	--	--	--	--	--	--	133
Miscellaneous Products	--	--	13	0	--	--	1	--	0	12
Total	1,666	793	4,089	1,897	811	-144	403	3,866	212	4,631

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

8 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2012
 (Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,110	--	--	1,714	797	-73	61	3,438	48	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	446	-17	121	105	-25	--	-12	105	107	431
Pentanes Plus	50	-17	--	1	82	--	-4	31	97	-8
Liquefied Petroleum Gases	396	--	121	104	-107	--	-8	74	11	438
Ethane/Ethylene	163	--	--	0	-108	--	-2	--	--	57
Propane/Propylene	155	--	108	82	-24	--	-3	--	2	322
Normal Butane/Butylene	49	--	11	14	10	--	-4	28	9	51
Isobutane/Isobutylene	29	--	2	8	14	--	1	46	--	7
Other Liquids	--	842	--	5	-254	-185	8	372	25	1
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	842	--	3	-568	3	3	255	21	0
Hydrogen	--	--	--	--	--	22	--	22	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	842	--	1	-568	-19	3	232	21	0
Fuel Ethanol ⁶	--	797	--	--	-549	-4	2	223	18	0
Renewable Fuels Except Fuel Ethanol	--	45	--	1	-19	-14	1	9	3	--
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	0	4	--	1	2	--	1
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	309	-188	5	115	3	0
Reformulated	--	--	--	--	57	-19	1	37	--	0
Conventional	--	0	--	2	253	-169	4	78	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	4,005	28	169	204	-5	--	53	4,358
Finished Motor Gasoline	--	1	2,193	0	64	192	0	--	3	2,447
Reformulated	--	--	355	--	--	16	--	--	0	371
Conventional	--	1	1,838	0	64	176	0	--	3	2,077
Finished Aviation Gasoline	--	--	2	0	0	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	230	--	19	--	-4	--	8	245
Kerosene	--	--	2	0	0	--	0	--	0	2
Distillate Fuel Oil	--	--	1,017	3	108	12	-5	--	6	1,139
15 ppm sulfur and under ⁷	--	--	1,008	2	148	12	-5	--	1	1,174
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	9	0	-40	--	0	--	3	-35
Greater than 500 ppm sulfur	--	--	1	0	--	--	0	--	2	0
Residual Fuel Oil ⁸	--	--	43	7	-25	--	0	--	6	20
Less than 0.31 percent sulfur	--	--	0	0	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	3	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	38	3	-25	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	42	3	-4	--	0	--	--	41
Naphtha for Petro. Feed. Use	--	--	31	2	-4	--	0	--	--	29
Other Oils for Petro. Feed. Use	--	--	11	1	0	--	0	--	--	13
Special Naphthas	--	--	-1	1	1	--	0	--	0	1
Lubricants	--	--	8	4	12	--	-1	--	9	14
Waxes	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	163	1	--	--	2	--	13	149
Marketable	--	--	115	1	--	--	2	--	13	101
Catalyst	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	158	9	-6	--	4	--	6	152
Still Gas	--	--	133	--	--	--	--	--	--	133
Miscellaneous Products	--	--	12	0	--	--	0	--	0	12
Total	1,556	826	4,126	1,852	686	-55	53	3,915	233	4,790

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

8 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2012
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil ⁶	129,100	--	--	118,176	-22,174	7,450	-18,106	250,658	0	0	861,808
Natural Gas Plant Liquids and Liquefied Refinery Gases											
Refinery Gases	48,213	-14	10,107	653	4,974	--	-7,023	10,780	6,652	53,524	97,178
Pentanes Plus	5,503	-14	--	554	-1,656	--	-764	4,031	658	462	5,638
Liquefied Petroleum Gases	42,710	--	10,107	99	6,630	--	-6,259	6,749	5,994	53,062	91,540
Ethane/Ethylene	20,922	--	486	--	6,532	--	-757	--	--	28,697	31,406
Propane/Propylene	13,967	--	11,849	--	298	--	-529	--	5,735	20,908	38,508
Normal Butane/Butylene	2,608	--	-2,254	99	-130	--	-4,720	3,571	259	1,213	16,178
Isobutane/Isobutylene	5,213	--	26	--	-70	--	-253	3,178	--	2,244	5,448
Other Liquids											
Hydrogen/Oxygenates/Renewables/	--	2,337	--	15,053	-45,859	-5,820	739	-48,692	6,249	7,415	111,533
Other Hydrocarbons	--	2,337	--	52	3,457	3,627	-291	7,839	1,925	0	4,498
Hydrogen	--	--	--	--	--	3,849	--	3,849	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,559	--	7	--	-39	81	81	1,365	0	836
Renewable Fuels (including Fuel Ethanol)	--	778	--	--	3,457	-138	-372	3,909	560	0	3,662
Fuel Ethanol ⁷	--	675	--	--	3,280	-39	-332	3,807	441	0	3,103
Renewable Fuels Except Fuel Ethanol	--	103	--	--	177	-98	-40	102	119	0	559
Other Hydrocarbons	--	--	--	45	--	-45	--	--	--	0	--
Unfinished Oils	--	--	--	14,492	193	--	-776	8,046	--	7,415	42,805
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	509	-49,509	-9,448	1,785	-64,556	4,323	0	64,203
Reformulated	--	--	--	--	-11,452	3,819	17	-8,251	--	0	10,954
Conventional	--	--	--	509	-38,057	-13,266	1,768	-56,305	3,723	0	53,249
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	21	-21	--	0	27
Finished Petroleum Products											
Finished Motor Gasoline	--	224,464	5,184	-57,784	9,586	598	--	75,868	104,984	107,501	
Reformulated	--	65,915	384	-13,430	9,487	-37	--	16,096	46,296	16,281	
Conventional	--	11,800	--	--	-3,725	--	--	--	8,075	--	
Finished Aviation Gasoline	--	54,115	384	-13,430	13,212	-37	--	16,096	38,222	16,281	
Kerosene-Type Jet Fuel	--	169	--	-29	--	-45	--	--	185	445	
Kerosene	--	23,871	127	-15,381	--	280	--	4,815	3,522	13,010	
Distillate Fuel Oil	--	69	--	--	--	57	--	361	-349	291	
15 ppm sulfur and under ⁸	--	83,999	1,080	-29,241	99	3,484	--	27,337	25,116	38,803	
Greater than 15 ppm to 500 ppm sulfur ⁸	--	73,044	283	-24,125	99	3,340	--	20,359	25,603	30,663	
Greater than 500 ppm sulfur	--	3,303	392	-214	--	-226	--	3,434	273	2,291	
Residual Fuel Oil ⁹	--	7,652	405	-4,902	--	370	--	3,545	-760	5,849	
Less than 0.31 percent sulfur	--	4,663	1,262	833	--	-3,064	--	12,842	-3,020	18,032	
0.31 to 1.00 percent sulfur	--	291	281	--	--	-255	--	NA	NA	1,635	
Greater than 1.00 percent sulfur	--	943	405	--	--	94	--	NA	NA	2,478	
Petrochemical Feedstocks	--	3,429	576	833	--	-2,903	--	NA	NA	13,919	
Naphtha for Petro. Feed. Use	--	8,970	1,330	129	--	279	--	--	10,150	2,950	
Other Oils for Petro. Feed. Use	--	6,578	545	89	--	224	--	--	6,988	1,473	
Special Naphthas	--	2,392	785	40	--	55	--	--	3,162	1,477	
Lubricants	--	1,265	244	-8	--	54	--	1,037	410	1,035	
Waxes	--	3,530	480	-467	--	-11	--	1,581	1,973	7,022	
Petroleum Coke	--	151	47	--	--	-12	--	60	150	281	
Marketable	--	16,595	230	--	--	-503	--	11,532	5,796	4,759	
Catalyst	--	12,858	230	--	--	-503	--	11,532	2,059	4,759	
Asphalt and Road Oil	--	3,737	--	--	--	--	--	--	3,737	--	
Still Gas	--	1,781	--	-190	--	168	--	190	1,233	4,270	
Miscellaneous Products	--	11,829	--	--	--	--	--	--	11,829	--	
Total	177,313	2,323	234,571	139,066	-120,843	11,216	-23,792	212,746	88,769	165,923	1,178,020

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey," Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2012
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil ⁶	1,387,347	--	--	1,624,773	-247,442	73,693	8,972	2,828,111	1,288	0	861,808
Natural Gas Plant Liquids and Liquefied Refinery Gases	537,115	-180	149,128	11,694	101,692	--	29,989	108,871	61,693	598,896	97,178
Pentanes Plus	65,830	-180	--	10,282	-16,515	--	-3,391	42,120	1,105	19,583	5,638
Liquefied Petroleum Gases	471,285	--	149,128	1,412	118,207	--	33,380	66,751	60,588	579,313	91,540
Ethane/Ethylene	232,087	--	6,513	—	100,649	--	13,226	—	—	326,023	31,406
Propane/Propylene	152,540	--	128,968	174	10,289	--	14,578	—	56,954	220,439	38,508
Normal Butane/Butylene	28,126	--	12,036	1,208	5,090	--	4,222	26,272	3,633	12,333	16,178
Isobutane/Isobutylene	58,532	--	1,611	30	2,179	--	1,354	40,479	—	20,519	5,448
Other Liquids	--	33,061	--	170,798	-567,048	-32,700	9,630	-496,114	56,011	34,584	111,533
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	33,061	--	639	46,635	40,717	-156	89,964	30,999	245	4,498
Hydrogen	--	--	--	—	—	41,931	--	41,931	—	0	--
Oxygenates (excluding Fuel Ethanol)	--	20,747	--	7	—	1,187	-249	806	21,384	0	836
Renewable Fuels (including Fuel Ethanol)	--	12,314	--	334	46,635	-2,103	93	47,227	9,615	245	3,662
Fuel Ethanol ⁷	--	8,120	--	178	46,885	-896	142	45,566	8,580	0	3,103
Renewable Fuels Except Fuel Ethanol	--	4,194	--	156	-251	-1,207	-49	1,661	1,035	—	559
Other Hydrocarbons	--	--	--	298	—	-298	—	—	—	0	—
Unfinished Oils	--	--	--	160,898	-1,786	--	2,731	122,035	—	34,346	42,805
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	9,261	-611,897	-73,417	7,036	-708,101	25,012	0	64,203
Reformulated	--	--	--	71	-142,315	26,849	-411	-118,664	—	0	10,954
Conventional	--	--	--	9,190	-469,582	-100,266	7,447	-589,437	21,332	0	53,249
Aviation Gasoline Blend. Comp.	--	--	--	—	—	--	19	-12	—	-7	27
Finished Petroleum Products	--	--	2,511,749	64,896	-662,938	76,436	-5,002	--	740,324	1,254,821	107,501
Finished Motor Gasoline	--	--	728,862	5,516	-156,175	74,313	-2,394	--	137,951	516,959	16,281
Reformulated	--	--	144,485	—	-80	-27,648	0	--	667	116,090	—
Conventional	--	--	584,377	5,516	-156,095	101,961	-2,394	--	137,284	400,869	16,281
Finished Aviation Gasoline	--	--	3,319	—	-2,659	—	-59	—	—	719	445
Kerosene-Type Jet Fuel	--	--	276,028	152	-190,477	—	691	—	31,013	53,999	13,010
Kerosene	--	--	1,013	—	100	—	4	—	1,316	-207	291
Distillate Fuel Oil	--	--	905,410	3,077	-310,777	2,123	-3,810	—	292,552	311,091	38,803
15 ppm sulfur and under ⁸	--	--	777,097	566	-271,678	2,123	-4,186	—	229,641	282,653	30,663
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	37,488	992	9,848	—	-286	—	31,553	17,061	2,291
Greater than 500 ppm sulfur	--	--	90,825	1,519	-48,947	—	662	—	31,358	11,377	5,849
Residual Fuel Oil ⁹	--	--	90,138	18,857	6,700	—	-276	—	111,805	4,166	18,032
Less than 0.31 percent sulfur	--	--	3,562	2,489	—	—	-327	—	NA	NA	1,635
0.31 to 1.00 percent sulfur	--	--	13,443	6,687	-313	—	395	—	NA	NA	2,478
Greater than 1.00 percent sulfur	--	--	73,133	9,681	7,013	—	-344	—	NA	NA	13,919
Petrochemical Feedstocks	--	--	94,819	23,619	1,268	—	497	—	—	119,209	2,950
Naphtha for Petro. Feed. Use	--	--	62,998	9,673	940	—	66	—	—	73,545	1,473
Other Oils for Petro. Feed. Use	--	--	31,821	13,946	328	—	431	—	—	45,664	1,477
Special Naphthas	--	--	16,002	3,719	-229	—	173	—	15,421	3,898	1,035
Lubricants	--	--	44,121	7,545	-8,657	—	-194	—	18,594	24,609	7,022
Waxes	--	--	2,331	277	—	—	-25	—	627	2,006	281
Petroleum Coke	--	--	173,696	1,935	—	—	262	—	126,044	49,325	4,759
Marketable	--	--	131,844	1,935	—	—	262	—	126,044	7,473	4,759
Catalyst	--	--	41,852	—	—	—	—	—	—	41,852	—
Asphalt and Road Oil	--	--	27,035	181	-2,032	—	159	—	3,741	21,284	4,270
Still Gas	--	--	131,289	—	—	—	—	—	—	131,289	—
Miscellaneous Products	--	--	17,686	18	—	—	-30	—	1,260	16,474	322
Total	1,924,462	32,881	2,660,877	1,872,161	-1,375,736	117,430	43,589	2,440,868	859,317	1,888,301	1,178,020

-- = Not Applicable.

= No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey," Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2012
 (Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil ⁶	4,165	--	--	3,812	-715	240	-584	8,086	0	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,555	0	326	21	160	--	-227	348	215	1,727
Pentanes Plus	178	0	--	18	-53	--	-25	130	21	15
Liquefied Petroleum Gases	1,378	--	326	3	214	--	-202	218	193	1,712
Ethane/Ethylene	675	--	16	--	211	--	-24	--	--	926
Propane/Propylene	451	--	382	--	10	--	-17	--	185	674
Normal Butane/Butylene	84	--	-73	3	-4	--	-152	115	8	39
Isobutane/Isobutylene	168	--	1	--	-2	--	-8	103	--	72
Other Liquids	--	75	--	486	-1,479	-188	24	-1,571	202	239
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	75	--	2	112	117	-9	253	62	0
Hydrogen	--	--	--	--	--	124	--	124	--	0
Oxygenates (excluding Fuel Ethanol)	--	50	--	0	--	-1	3	3	44	0
Renewable Fuels (including Fuel Ethanol)	--	25	--	--	112	-4	-12	126	18	0
Fuel Ethanol ⁷	--	22	--	--	106	-1	-11	123	14	0
Renewable Fuels Except Fuel Ethanol	--	3	--	--	6	-3	-1	3	4	0
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils	--	--	--	467	6	--	-25	260	--	239
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	16	-1,597	-305	58	-2,082	139	0
Reformulated	--	--	--	--	-369	123	1	-266	--	0
Conventional	--	--	--	16	-1,228	-428	57	-1,816	120	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	1	-1	--	0
Finished Petroleum Products	--	--	7,241	167	-1,864	309	19	--	2,447	3,387
Finished Motor Gasoline	--	--	2,126	12	-433	306	-1	--	519	1,493
Reformulated	--	--	381	--	--	-120	--	--	--	260
Conventional	--	--	1,746	12	-433	426	-1	--	519	1,233
Finished Aviation Gasoline	--	--	5	--	-1	--	-1	--	--	6
Kerosene-Type Jet Fuel	--	--	770	4	-496	--	9	--	155	114
Kerosene	--	--	2	--	--	--	2	--	12	-11
Distillate Fuel Oil	--	--	2,710	35	-943	3	112	--	882	810
15 ppm sulfur and under ⁸	--	--	2,356	9	-778	3	108	--	657	826
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	107	13	-7	--	-7	--	111	9
Greater than 500 ppm sulfur	--	--	247	13	-158	--	12	--	114	-25
Residual Fuel Oil ⁹	--	--	150	41	27	--	-99	--	414	-97
Less than 0.31 percent sulfur	--	--	9	9	--	--	-8	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	30	13	--	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	111	19	27	--	-94	--	NA	NA
Petrochemical Feedstocks	--	--	289	43	4	--	9	--	--	327
Naphtha for Petro. Feed. Use	--	--	212	18	3	--	7	--	--	225
Other Oils for Petro. Feed. Use	--	--	77	25	1	--	2	--	--	102
Special Naphthas	--	--	41	8	0	--	2	--	33	13
Lubricants	--	--	114	15	-15	--	0	--	51	64
Waxes	--	--	5	2	--	--	0	--	2	5
Petroleum Coke	--	--	535	7	--	--	-16	--	372	187
Marketable	--	--	415	7	--	--	-16	--	372	66
Catalyst	--	--	121	--	--	--	--	--	--	121
Asphalt and Road Oil	--	--	57	--	-6	--	5	--	6	40
Still Gas	--	--	382	--	--	--	--	--	--	382
Miscellaneous Products	--	--	53	--	--	--	-2	--	1	55
Total	5,720	75	7,567	4,486	-3,898	362	-767	6,863	2,864	5,352

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

7 Exports include industrial alcohol.

8 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

9 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2012
 (Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil ⁶	3,791	--	--	4,439	-676	201	25	7,727	4	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,468	0	407	32	278	--	82	297	169	1,636
Pentanes Plus	180	0	--	28	-45	--	-9	115	3	54
Liquefied Petroleum Gases	1,288	--	407	4	323	--	91	182	166	1,583
Ethane/Ethylene	634	--	18	-	275	--	36	-	-	891
Propane/Propylene	417	--	352	0	28	--	40	-	156	602
Normal Butane/Butylene	77	--	33	3	14	--	12	72	10	34
Isobutane/Isobutylene	160	--	4	0	6	--	4	111	-	56
Other Liquids	--	90	--	467	-1,549	-89	26	-1,356	153	94
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	90	--	2	127	111	0	246	85	1
Hydrogen	--	--	--	-	-	115	--	115	-	0
Oxygenates (excluding Fuel Ethanol)	--	57	--	0	-	3	-1	2	58	0
Renewable Fuels (including Fuel Ethanol)	--	34	--	1	127	-6	0	129	26	1
Fuel Ethanol ⁷	--	22	--	0	128	-2	0	124	23	0
Renewable Fuels Except Fuel Ethanol	--	11	--	0	-1	-3	0	5	3	-
Other Hydrocarbons	--	--	--	1	-	-1	-	-	-	0
Unfinished Oils	--	--	--	440	-5	--	7	333	-	94
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	25	-1,672	-201	19	-1,935	68	0
Reformulated	--	--	--	0	-389	73	-1	-324	-	0
Conventional	--	--	--	25	-1,283	-274	20	-1,610	58	0
Aviation Gasoline Blend. Comp.	--	--	--	-	-	--	0	0	-	0
Finished Petroleum Products	--	-	6,863	177	-1,811	209	-14	--	2,023	3,428
Finished Motor Gasoline	--	-	1,991	15	-427	203	-7	--	377	1,412
Reformulated	--	-	395	-	0	-76	0	--	2	317
Conventional	--	-	1,597	15	-426	279	-7	--	375	1,095
Finished Aviation Gasoline	--	-	9	-	-7	--	0	--	-	2
Kerosene-Type Jet Fuel	--	-	754	0	-520	--	2	--	85	148
Kerosene	--	-	3	-	0	--	0	--	4	-1
Distillate Fuel Oil	--	-	2,474	8	-849	6	-10	--	799	850
15 ppm sulfur and under ⁸	--	-	2,123	2	-742	6	-11	--	627	772
Greater than 15 ppm to 500 ppm sulfur ⁸	--	-	102	3	27	-	-1	--	86	47
Greater than 500 ppm sulfur	--	-	248	4	-134	--	2	--	86	31
Residual Fuel Oil ⁹	--	-	246	52	18	--	-1	--	305	11
Less than 0.31 percent sulfur	--	-	10	7	-	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	-	37	18	-1	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	-	200	26	19	--	-1	--	NA	NA
Petrochemical Feedstocks	--	-	259	65	3	--	1	--	-	326
Naphtha for Petro. Feed. Use	--	-	172	26	3	--	0	--	-	201
Other Oils for Petro. Feed. Use	--	-	87	38	1	--	1	--	-	125
Special Naphthas	--	-	44	10	-1	--	0	--	42	11
Lubricants	--	-	121	21	-24	--	-1	--	51	67
Waxes	--	-	6	1	-	--	0	--	2	5
Petroleum Coke	--	-	475	5	-	--	1	--	344	135
Marketable	--	-	360	5	-	--	1	--	344	20
Catalyst	--	-	114	--	--	--	--	--	--	114
Asphalt and Road Oil	--	-	74	0	-6	--	0	--	10	58
Still Gas	--	-	359	--	--	--	--	--	--	359
Miscellaneous Products	--	-	48	0	-	--	0	--	3	45
Total	5,258	90	7,270	5,115	-3,759	321	119	6,669	2,348	5,159

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

7 Exports include industrial alcohol.

8 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

9 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2012
 (Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	14,436	--	--	8,705	-4,931	-81	-539	18,668	-	0	18,214
Natural Gas Plant Liquids and Liquefied Refinery Gases	9,413	-9	87	433	-7,333	--	-46	710	330	1,597	1,470
Pentanes Plus	1,491	-9	--	--	-1,003	--	-16	192	325	-22	194
Liquefied Petroleum Gases	7,922	--	87	433	-6,330	--	-30	518	5	1,619	1,276
Ethane/Ethylene	3,174	--	--	--	-2,930	--	2	--	--	242	400
Propane/Propylene	3,003	--	310	370	-2,167	--	11	--	1	1,504	363
Normal Butane/Butylene	1,249	--	-206	44	-686	--	4	337	4	56	366
Isobutane/Isobutylene	496	--	-17	19	-547	--	-47	181	--	-183	147
Other Liquids	--	442	--	4	683	-168	352	291	2	316	7,400
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	442	--	--	313	190	-53	996	2	0	305
Hydrogen	--	--	--	--	--	215	--	215	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	442	--	--	313	-25	-53	781	2	0	305
Fuel Ethanol ⁶	--	429	--	--	291	-8	-53	763	2	0	301
Renewable Fuels Except Fuel Ethanol	--	13	--	--	22	-17	0	18	--	0	4
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	--	-6	-310	--	316
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	4	370	-358	411	-395	--	0	3,177
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	370	-358	411	-395	--	0	3,177
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	20,578	187	-1,226	383	392	--	74	19,456	11,293
Finished Motor Gasoline	--	--	10,354	13	-1,317	366	-258	--	1	9,673	4,184
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	10,354	13	-1,317	366	-258	--	1	9,673	4,184
Finished Aviation Gasoline	--	--	10	1	--	--	3	--	--	8	20
Kerosene-Type Jet Fuel	--	--	732	--	660	--	-76	--	--	1,468	649
Kerosene	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	6,399	48	-569	17	217	--	--	5,678	4,099
15 ppm sulfur and under ⁷	--	--	6,282	31	-562	17	227	--	--	5,541	3,808
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	113	17	-7	--	-38	--	--	161	156
Greater than 500 ppm sulfur	--	--	4	--	--	--	28	--	--	-24	135
Residual Fuel Oil ⁸	--	--	395	13	--	--	4	--	16	388	206
Less than 0.31 percent sulfur	--	--	204	--	--	--	-9	--	NA	NA	22
0.31 to 1.00 percent sulfur	--	--	14	--	--	--	-7	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	177	13	--	--	20	--	NA	NA	180
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	46	-46	--
Lubricants	--	--	--	--	--	--	0	--	9	-9	1
Waxes	--	--	--	--	--	--	--	--	1	-1	--
Petroleum Coke	--	--	796	--	--	--	29	--	--	767	77
Marketable	--	--	549	--	--	--	29	--	--	520	77
Catalyst	--	--	247	--	--	--	--	--	--	247	--
Asphalt and Road Oil	--	--	1,018	111	--	--	470	--	2	657	2,037
Still Gas	--	--	743	--	--	--	--	--	--	743	--
Miscellaneous Products	--	--	131	1	--	--	3	--	--	129	19
Total	23,849	433	20,665	9,329	-12,807	134	159	19,669	406	21,370	38,377

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2012
 (Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	161,684	--	--	116,333	-47,978	-19,823	2,245	207,967	5	0	18,214
Natural Gas Plant Liquids and Liquefied Refinery Gases	138,932	-110	3,390	3,409	-119,108	--	95	6,937	4,261	15,220	1,470
Pentanes Plus	18,520	-110	--	--	-13,355	--	14	2,149	3,795	-903	194
Liquefied Petroleum Gases	120,412	--	3,390	3,409	-105,753	--	81	4,788	466	16,123	1,276
Ethane/Ethylene	63,334	--	--	--	-61,214	--	-6	--	--	2,126	400
Propane/Propylene	36,601	--	3,406	3,061	-28,078	--	8	--	12	14,970	363
Normal Butane/Butylene	15,135	--	294	255	-9,019	--	88	2,239	455	3,883	366
Isobutane/Isobutylene	5,342	--	-310	93	-7,442	--	-9	2,549	--	-4,857	147
Other Liquids	--	5,179	--	4	7,891	-4,097	1,805	5,327	18	1,827	7,400
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	5,179	--	--	4,014	1,856	-3	11,040	18	-6	305
Hydrogen	--	--	--	--	--	2,239	--	2,239	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	5,179	--	--	4,014	-383	-3	8,801	18	-6	305
Fuel Ethanol ⁶	--	5,113	--	--	3,697	-170	-6	8,629	17	0	301
Renewable Fuels Except Fuel Ethanol	--	66	--	--	316	-214	3	172	0	--	4
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	--	--	--	1,378	-3,211	--	1,833	3,918
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	4	3,877	-5,953	430	-2,502	0	0	3,177
Reformulated	--	--	--	--	--	0	--	--	--	--	--
Conventional	--	--	--	--	3,877	-5,953	430	-2,502	0	0	3,177
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	227,505	1,978	949	6,336	-467	--	983	236,252	11,293	
Finished Motor Gasoline	--	112,923	19	-6,838	6,123	-652	--	50	112,829	4,184	
Reformulated	--	--	--	--	0	--	--	3	--	-3	--
Conventional	--	112,923	19	-6,838	6,123	-652	--	46	112,832	4,184	
Finished Aviation Gasoline	--	--	170	2	--	--	2	--	--	170	20
Kerosene-Type Jet Fuel	--	--	9,272	25	9,314	--	74	--	12	18,525	649
Kerosene	--	--	8	--	--	--	0	--	7	1	1
Distillate Fuel Oil	--	69,994	700	-1,527	214	-60	--	4	69,436	4,099	
15 ppm sulfur and under ⁷	--	67,819	196	-1,411	214	55	--	0	66,763	3,808	
Greater than 15 ppm to 500 ppm sulfur ⁷	--	2,357	504	-116	--	-123	--	4	2,864	156	
Greater than 500 ppm sulfur	--	--	-182	--	--	8	--	--	-190	135	
Residual Fuel Oil ⁸	--	--	4,459	145	--	--	-10	--	95	4,519	206
Less than 0.31 percent sulfur	--	2,204	--	--	--	2	--	NA	NA	22	
0.31 to 1.00 percent sulfur	--	430	6	--	--	-3	--	NA	NA	4	
Greater than 1.00 percent sulfur	--	1,825	139	--	--	-9	--	NA	NA	180	
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	452	-452	--	--
Lubricants	--	--	--	--	--	--	1	--	150	-151	1
Waxes	--	--	--	8	--	--	--	--	6	2	--
Petroleum Coke	--	--	8,533	82	--	--	-350	--	0	8,965	77
Marketable	--	--	5,739	82	--	--	-350	--	0	6,171	77
Catalyst	--	--	2,794	--	--	--	--	--	--	2,794	--
Asphalt and Road Oil	--	--	12,056	984	--	--	523	--	207	12,310	2,037
Still Gas	--	--	8,692	--	--	--	--	--	--	8,692	--
Miscellaneous Products	--	--	1,398	13	--	--	5	--	--	1,406	19
Total	300,616	5,069	230,895	121,724	-158,246	-17,583	3,678	220,231	5,267	253,299	38,377

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2012
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	466	--	--	281	-159	-3	-17	602	-	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	304	0	3	14	-237	--	-1	23	11	52
Pentanes Plus	48	0	--	-	-32	--	-1	6	10	-1
Liquefied Petroleum Gases	256	--	3	14	-204	--	-1	17	0	52
Ethane/Ethylene	102	--	-	-	-95	--	0	-	-	8
Propane/Propylene	97	--	10	12	-70	--	0	-	0	49
Normal Butane/Butylene	40	--	-7	1	-22	--	0	11	0	2
Isobutane/Isobutylene	16	--	-1	1	-18	--	-2	6	-	-6
Other Liquids	--	14	--	0	22	-5	11	9	0	10
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	14	--	-	10	6	-2	32	0	0
Hydrogen	--	--	--	-	-	7	--	7	-	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	-	0	--	-	0	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	14	--	-	10	-1	-2	25	0	0
Fuel Ethanol ⁶	--	14	--	-	9	0	-2	25	0	0
Renewable Fuels Except Fuel Ethanol	--	0	--	-	1	-1	0	1	-	0
Other Hydrocarbons	--	--	--	-	-	--	-	-	-	-
Unfinished Oils	--	--	--	-	-	--	0	-10	-	10
Motor Gasoline Blend.Comp. (MGB)	--	--	--	0	12	-12	13	-13	-	0
Reformulated	--	--	--	-	-	-	-	-	-	-
Conventional	--	--	--	-	12	-12	13	-13	-	0
Aviation Gasoline Blend. Comp.	--	--	--	-	-	--	-	-	-	-
Finished Petroleum Products	--	--	664	6	-40	12	13	--	2	628
Finished Motor Gasoline	--	--	334	0	-42	12	-8	--	0	312
Reformulated	--	--	-	-	-	-	-	-	-	-
Conventional	--	--	334	0	-42	12	-8	--	0	312
Finished Aviation Gasoline	--	--	0	0	-	--	0	--	-	0
Kerosene-Type Jet Fuel	--	--	24	-	21	--	-2	--	-	47
Kerosene	--	--	-	-	-	--	0	--	-	0
Distillate Fuel Oil	--	--	206	2	-18	1	7	--	-	183
15 ppm sulfur and under ⁷	--	--	203	1	-18	1	7	--	-	179
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	4	1	0	-	-1	--	-	5
Greater than 500 ppm sulfur	--	--	0	-	-	-	1	--	-	-1
Residual Fuel Oil ⁸	--	--	13	0	-	--	0	--	1	13
Less than 0.31 percent sulfur	--	--	7	-	-	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	0	-	-	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	6	0	-	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	-	-	-	--	-	--	-	-
Naphtha for Petro. Feed. Use	--	--	-	-	-	--	-	-	-	-
Other Oils for Petro. Feed. Use	--	--	-	-	-	--	-	-	-	-
Special Naphthas	--	--	-	-	-	--	-	-	1	-1
Lubricants	--	--	-	-	-	--	0	--	0	0
Waxes	--	--	-	-	-	--	-	-	0	0
Petroleum Coke	--	--	26	-	-	--	1	--	-	25
Marketable	--	--	18	-	-	--	1	--	-	17
Catalyst	--	--	8	--	--	--	--	--	-	8
Asphalt and Road Oil	--	--	33	4	-	--	15	--	0	21
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	4	0	-	--	0	--	-	4
Total	769	14	667	301	-413	4	5	634	13	689

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

8 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2012
 (Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	442	--	--	318	-131	-54	6	568	0	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	380	0	9	9	-325	--	0	19	12	42
Pentanes Plus	51	0	--	--	-36	--	0	6	10	-2
Liquefied Petroleum Gases	329	--	9	9	-289	--	0	13	1	44
Ethane/Ethylene	173	--	--	--	-167	--	0	--	--	6
Propane/Propylene	100	--	9	8	-77	--	0	--	0	41
Normal Butane/Butylene	41	--	1	1	-25	--	0	6	1	11
Isobutane/Isobutylene	15	--	-1	0	-20	--	0	7	--	-13
Other Liquids	--	14	--	0	22	-11	5	15	0	5
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	14	--	--	11	5	0	30	0	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	14	--	--	11	-1	0	24	0	0
Fuel Ethanol ⁶	--	14	--	--	10	0	0	24	0	0
Renewable Fuels Except Fuel Ethanol	--	0	--	--	1	-1	0	0	0	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	--	--	--	4	-9	--	5
Motor Gasoline Blend.Comp. (MGB)	--	--	--	0	11	-16	1	-7	0	0
Reformulated	--	--	--	--	--	0	--	--	--	--
Conventional	--	--	--	--	11	-16	1	-7	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	622	5	3	17	-1	--	3	645
Finished Motor Gasoline	--	--	309	0	-19	17	-2	--	0	308
Reformulated	--	--	--	--	--	0	--	--	0	0
Conventional	--	--	309	0	-19	17	-2	--	0	308
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	25	0	25	--	0	--	0	51
Kerosene	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	191	2	-4	1	0	--	0	190
15 ppm sulfur and under ⁷	--	--	185	1	-4	1	0	--	0	182
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	6	1	0	--	0	--	0	8
Greater than 500 ppm sulfur	--	--	0	--	--	--	0	--	--	-1
Residual Fuel Oil ⁸	--	--	12	0	--	--	0	--	0	12
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	1	-1
Lubricants	--	--	--	--	--	--	0	--	0	0
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	23	0	--	--	-1	--	0	24
Marketable	--	--	16	0	--	--	-1	--	0	17
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	33	3	--	--	1	--	1	34
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4
Total	821	14	631	333	-432	-48	10	602	14	692

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

8 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2012
 (Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	35,285	--	--	28,389	--	6,793	1,677	68,790	--	0	56,432
Natural Gas Plant Liquids and Liquefied Refinery Gases	2,140	-10	-125	195	--	--	-1,764	2,906	465	593	4,734
Pentanes Plus	960	-10	--	--	--	--	-7	752	71	134	51
Liquefied Petroleum Gases	1,180	--	-125	195	--	--	-1,757	2,154	393	460	4,683
Ethane/Ethylene	3	--	--	--	--	--	--	--	--	3	--
Propane/Propylene	443	--	1,330	159	--	--	-497	--	377	2,052	1,915
Normal Butane/Butylene	390	--	-1,292	36	--	--	-1,236	1,485	16	-1,131	2,249
Isobutane/Isobutylene	344	--	-163	--	--	--	-24	669	--	-464	519
Other Liquids	--	391	--	3,300	7,574	3,927	1,804	12,485	335	567	50,614
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	391	--	720	3,925	1,179	231	5,893	90	0	3,022
Hydrogen	--	--	--	--	--	1,399	--	1,399	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	391	--	720	3,925	-221	231	4,494	89	0	3,022
Fuel Ethanol ⁶	--	359	--	504	3,731	-45	86	4,394	68	0	2,711
Renewable Fuels Except Fuel Ethanol	--	32	--	216	194	-176	145	100	21	0	311
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,350	--	--	-566	2,349	--	567	16,522
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	230	3,649	2,748	2,139	4,243	245	0	31,070
Reformulated	--	--	--	--	2,148	73	1,925	202	--	0	17,193
Conventional	--	--	--	230	1,501	2,675	214	4,041	151	0	13,877
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	89,332	2,125	2,558	-2,627	1,724	--	12,217	77,447	38,911
Finished Motor Gasoline	--	--	47,600	104	1,272	-2,703	-131	--	2,117	44,287	3,947
Reformulated	--	--	31,712	--	--	-246	3	--	--	31,463	15
Conventional	--	--	15,888	104	1,272	-2,457	-134	--	2,117	12,824	3,932
Finished Aviation Gasoline	--	--	2	--	--	--	-16	--	--	18	232
Kerosene-Type Jet Fuel	--	--	12,387	936	215	--	208	--	949	12,381	10,298
Kerosene	--	--	26	--	--	--	-21	--	67	-20	48
Distillate Fuel Oil	--	--	16,765	7	988	76	2,001	--	3,608	12,227	15,352
15 ppm sulfur and under ⁷	--	--	15,392	--	981	76	1,567	--	2,283	12,599	12,666
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	725	3	7	--	385	--	367	-17	1,119
Greater than 500 ppm sulfur	--	--	648	4	--	--	49	--	958	-355	1,567
Residual Fuel Oil ⁸	--	--	3,028	706	--	--	-551	--	634	3,651	4,804
Less than 0.31 percent sulfur	--	--	36	--	--	--	-23	--	NA	NA	346
0.31 to 1.00 percent sulfur	--	--	923	--	--	--	58	--	NA	NA	801
Greater than 1.00 percent sulfur	--	--	2,069	706	--	--	-586	--	NA	NA	3,657
Petrochemical Feedstocks	--	--	4	34	--	--	0	--	--	38	1
Naphtha for Petro. Feed. Use	--	--	4	34	--	--	0	--	--	38	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	14	--	--	--	-13	--	301	-274	28
Lubricants	--	--	251	8	83	--	74	--	101	167	852
Waxes	--	--	--	44	--	--	--	--	8	36	--
Petroleum Coke	--	--	4,587	32	--	--	-304	--	4,349	574	1,492
Marketable	--	--	3,662	32	--	--	-304	--	4,349	-351	1,492
Catalyst	--	--	925	--	--	--	--	--	--	925	--
Asphalt and Road Oil	--	--	580	254	--	--	463	--	81	290	1,773
Still Gas	--	--	3,735	--	--	--	--	--	--	3,735	--
Miscellaneous Products	--	--	353	--	--	--	14	--	2	337	84
Total	37,425	381	89,207	34,009	10,132	8,093	3,441	84,181	13,017	78,607	150,691

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

8 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2012
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	405,552	--	--	422,952	598	25,431	1,499	853,033	0	0	56,432
Natural Gas Plant Liquids and Liquefied Refinery Gases	22,483	-123	18,258	1,918	--	--	404	24,108	5,319	12,705	4,734
Pentanes Plus	10,289	-123	--	--	--	--	-20	7,565	1,094	1,527	51
Liquefied Petroleum Gases	12,194	--	18,258	1,918	--	--	424	16,543	4,225	11,178	4,683
Ethane/Ethylene	39	--	--	--	--	--	--	--	--	39	--
Propane/Propylene	4,418	--	16,667	1,578	--	--	335	--	3,714	18,614	1,915
Normal Butane/Butylene	2,346	--	2,258	332	--	--	129	9,346	512	-5,051	2,249
Isobutane/Isobutylene	5,391	--	-667	8	--	--	-40	7,197	--	-2,425	519
Other Liquids	--	5,937	--	27,024	89,566	31,830	3,871	147,281	3,248	-43	50,614
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	5,937	--	2,603	50,379	12,961	698	70,162	1,230	-210	3,022
Hydrogen	--	--	--	--	--	15,761	--	15,761	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	367	--	--	367	0	--
Renewable Fuels (including Fuel Ethanol)	--	5,937	--	2,603	50,379	-3,167	698	54,401	863	-210	3,022
Fuel Ethanol ⁶	--	5,173	--	2,386	47,224	-1,033	531	52,822	397	0	2,711
Renewable Fuels Except Fuel Ethanol	--	764	--	217	3,155	-2,134	167	1,579	466	--	311
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	18,754	418	--	-2,327	21,332	--	167	16,522
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	5,667	38,769	18,869	5,500	55,787	2,018	0	31,070
Reformulated	--	--	--	330	24,166	1,156	3,716	21,417	--	0	17,193
Conventional	--	--	--	5,337	14,603	17,713	1,784	34,370	1,499	0	13,877
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	-	1,070,692	29,903	27,825	-15,734	2,102	--	116,865	993,719	38,911
Finished Motor Gasoline	--	-	563,601	1,251	12,269	-17,837	-93	--	14,133	545,244	3,947
Reformulated	--	-	386,313	--	--	-3,206	-23	--	7	383,123	15
Conventional	--	-	177,288	1,251	12,269	-14,631	-70	--	14,126	162,121	3,932
Finished Aviation Gasoline	--	--	467	2	--	--	-36	--	--	505	232
Kerosene-Type Jet Fuel	--	--	149,738	11,831	3,248	--	442	--	13,371	151,004	10,298
Kerosene	--	--	245	146	--	--	-68	--	238	221	48
Distillate Fuel Oil	--	--	192,203	3,274	12,444	2,103	991	--	29,249	179,784	15,352
15 ppm sulfur and under ⁷	--	--	176,631	2,818	12,328	2,103	452	--	21,454	171,974	12,666
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	5,546	26	116	--	-168	--	5,089	767	1,119
Greater than 500 ppm sulfur	--	--	10,026	430	--	--	707	--	2,706	7,043	1,567
Residual Fuel Oil ⁸	--	--	44,211	10,497	--	--	274	--	8,931	45,503	4,804
Less than 0.31 percent sulfur	--	--	623	--	--	--	139	--	NA	NA	346
0.31 to 1.00 percent sulfur	--	--	10,300	515	--	--	108	--	NA	NA	801
Greater than 1.00 percent sulfur	--	--	33,288	9,982	--	--	27	--	NA	NA	3,657
Petrochemical Feedstocks	--	--	66	482	--	--	0	--	--	548	1
Naphtha for Petro. Feed. Use	--	--	66	482	--	--	0	--	--	548	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	333	--	--	--	-1	--	642	-308	28
Lubricants	--	--	5,453	284	-136	--	88	--	2,765	2,748	852
Waxes	--	--	-	392	--	--	--	--	77	315	--
Petroleum Coke	--	--	55,272	396	--	--	37	--	45,735	9,896	1,492
Marketable	--	--	43,761	396	--	--	37	--	45,735	-1,615	1,492
Catalyst	--	--	11,511	--	--	--	--	--	--	11,511	--
Asphalt and Road Oil	--	--	9,758	1,348	--	--	465	--	1,708	8,933	1,773
Still Gas	--	--	44,745	--	--	--	--	--	--	44,745	--
Miscellaneous Products	--	--	4,600	--	--	--	3	--	18	4,579	84
Total	428,035	5,814	1,088,950	481,797	117,989	41,527	7,876	1,024,422	125,433	1,006,382	150,691

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

8 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2012
 (Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,138	--	--	916	--	219	54	2,219	--	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	69	0	-4	6	--	--	-57	94	15	19
Pentanes Plus	31	0	--	--	--	--	0	24	2	4
Liquefied Petroleum Gases	38	--	-4	6	--	--	-57	69	13	15
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	14	--	43	5	--	--	-16	--	12	66
Normal Butane/Butylene	13	--	-42	1	--	--	-40	48	1	-36
Isobutane/Isobutylene	11	--	-5	--	--	--	-1	22	--	-15
Other Liquids	--	13	--	106	244	127	58	403	11	18
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	13	--	23	127	38	7	190	3	0
Hydrogen	--	--	--	--	--	45	--	45	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	13	--	23	127	-7	7	145	3	0
Fuel Ethanol ⁶	--	12	--	16	120	-1	3	142	2	0
Renewable Fuels Except Fuel Ethanol	--	1	--	7	6	-6	5	3	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	76	--	--	-18	76	--	18
Motor Gasoline Blend.Comp. (MGB)	--	--	--	7	118	89	69	137	8	0
Reformulated	--	--	--	--	69	2	62	7	--	0
Conventional	--	--	--	7	48	86	7	130	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,882	69	83	-85	56	--	394	2,498
Finished Motor Gasoline	--	--	1,535	3	41	-87	-4	--	68	1,429
Reformulated	--	--	1,023	--	--	-8	0	--	--	1,015
Conventional	--	--	513	3	41	-79	-4	--	68	414
Finished Aviation Gasoline	--	--	0	--	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	400	30	7	--	7	--	31	399
Kerosene	--	--	1	--	--	--	-1	--	2	-1
Distillate Fuel Oil	--	--	541	0	32	2	65	--	116	394
15 ppm sulfur and under ⁷	--	--	497	--	32	2	51	--	74	406
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	23	0	0	--	12	--	12	-1
Greater than 500 ppm sulfur	--	--	21	0	--	--	2	--	31	-11
Residual Fuel Oil ⁸	--	--	98	23	--	--	-18	--	20	118
Less than 0.31 percent sulfur	--	--	1	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	30	--	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	67	23	--	--	-19	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	0	--	--	--	0	--	10	-9
Lubricants	--	--	8	0	3	--	2	--	3	5
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	148	1	--	--	-10	--	140	19
Marketable	--	--	118	1	--	--	-10	--	140	-11
Catalyst	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	19	8	--	--	15	--	3	9
Still Gas	--	--	120	--	--	--	--	--	--	120
Miscellaneous Products	--	--	11	--	--	--	0	--	0	11
Total	1,207	12	2,878	1,097	327	261	111	2,716	420	2,536

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

8 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2012
 (Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,108	--	--	1,156	2	69	4	2,331	0	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	61	0	50	5	--	--	1	66	15	35
Pentanes Plus	28	0	--	--	--	--	0	21	3	4
Liquefied Petroleum Gases	33	--	50	5	--	--	1	45	12	31
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	12	--	46	4	--	--	1	--	10	51
Normal Butane/Butylene	6	--	6	1	--	--	0	26	1	-14
Isobutane/Isobutylene	15	--	-2	0	--	--	0	20	--	-7
Other Liquids	--	16	--	74	245	87	11	402	9	0
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	16	--	7	138	35	2	192	3	-1
Hydrogen	--	--	--	--	--	43	--	43	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0
Renewable Fuels (including Fuel Ethanol) ...	--	16	--	7	138	-9	2	149	2	-1
Fuel Ethanol ⁶	--	14	--	7	129	-3	1	144	1	0
Renewable Fuels Except Fuel Ethanol	--	2	--	1	9	-6	0	4	1	--
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	51	1	--	-6	58	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	15	106	52	15	152	6	0
Reformulated	--	--	--	1	66	3	10	59	--	0
Conventional	--	--	--	15	40	48	5	94	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,925	82	76	-43	6	--	319	2,715
Finished Motor Gasoline	--	--	1,540	3	34	-49	0	--	39	1,490
Reformulated	--	--	1,056	--	--	-9	0	--	0	1,047
Conventional	--	--	484	3	34	-40	0	--	39	443
Finished Aviation Gasoline	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	409	32	9	--	1	--	37	413
Kerosene	--	--	1	0	--	--	0	--	1	1
Distillate Fuel Oil	--	--	525	9	34	6	3	--	80	491
15 ppm sulfur and under ⁷	--	--	483	8	34	6	1	--	59	470
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	15	0	0	--	0	--	14	2
Greater than 500 ppm sulfur	--	--	27	1	--	--	2	--	7	19
Residual Fuel Oil ⁸	--	--	121	29	--	--	1	--	24	124
Less than 0.31 percent sulfur	--	--	2	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	28	1	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	91	27	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	2	-1
Lubricants	--	--	15	1	0	--	0	--	8	8
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	151	1	--	--	0	--	125	27
Marketable	--	--	120	1	--	--	0	--	125	-4
Catalyst	--	--	31	--	--	--	--	--	--	31
Asphalt and Road Oil	--	--	27	4	--	--	1	--	5	24
Still Gas	--	--	122	--	--	--	--	--	--	122
Miscellaneous Products	--	--	13	--	--	--	0	--	0	13
Total	1,169	16	2,975	1,316	322	113	22	2,799	343	2,750

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

1 Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

2 Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

3 Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

4 A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

5 Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

6 Exports include industrial alcohol.

7 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

8 Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, December 2012
 (Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	793	38,302	129,100	14,436	35,285	217,917	7,030
Alaskan	--	--	--	--	--	17,248	556
Lower 48 States	--	--	--	--	--	200,669	6,473
Imports (PAD District of Entry)	24,803	54,792	118,176	8,705	28,389	234,865	7,576
Commercial	24,803	54,792	118,176	8,705	28,389	234,865	7,576
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	-37	27,142	-22,174	-4,931	--	--	--
Adjustments ¹	1,623	-5,172	7,450	-81	6,793	10,612	342
Disposition							
Stock Change ²	-2,928	6,587	-18,106	-539	1,677	-13,309	-429
Commercial	--	--	-18,422	--	--	-13,625	-440
SPR	--	--	316	--	--	316	10
Refinery Inputs	30,106	106,693	250,658	18,668	68,790	474,915	15,320
Exports	4	1,784	0	--	--	1,788	58
Ending Stocks							
Total	8,257	115,539	861,808	18,214	56,432	1,060,250	--
Commercial	8,257	115,539	166,540	18,214	56,432	364,982	--
Refinery	7,045	12,496	43,001	2,449	23,982	88,973	--
Tank Farms and Pipelines	1,054	99,132	104,662	11,896	25,524	242,268	--
Cushing, Oklahoma	--	49,903	--	--	--	49,903	--
Lease	158	3,911	18,877	3,869	576	27,391	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	6,350	6,350	--
SPR	--	--	695,268	--	--	695,268	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	65.6	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	38.5	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	116	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	24,803	54,792	118,176	8,705	28,389	234,865	7,576
PAD District of Processing	25,374	54,594	118,688	7,820	28,389	234,865	7,576

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the Bureau of Census.

Table 26. Production of Crude Oil by PAD District and State, December 2012
(Thousand Barrels)

PAD District and State	December 2012		January-December 2012	
	Total	Daily Average	Total	Daily Average
PAD District 1	793	26	8,671	24
Florida	200	6	2,190	6
New York	31	1	366	1
Pennsylvania	365	12	3,910	11
Virginia	1	0	10	0
West Virginia	196	6	2,193	6
PAD District 2	38,302	1,236	406,230	1,110
Illinois	782	25	9,806	27
Indiana	223	7	2,354	6
Kansas	3,658	118	43,684	119
Kentucky	280	9	2,598	7
Michigan	589	19	6,826	19
Missouri	13	0	129	0
Nebraska	202	7	2,713	7
North Dakota	23,834	769	242,447	662
Ohio	412	13	4,866	13
Oklahoma	8,136	262	88,770	243
South Dakota	142	5	1,748	5
Tennessee	31	1	288	1
PAD District 3	129,100	4,165	1,387,347	3,791
Alabama	901	29	9,595	26
Arkansas	547	18	6,534	18
Louisiana	6,248	202	70,674	193
Mississippi	1,975	64	24,177	66
New Mexico	7,545	243	84,232	230
Texas	68,820	2,220	727,135	1,987
Federal Offshore PAD District 3	43,064	1,389	465,000	1,270
PAD District 4	14,436	466	161,684	442
Colorado	4,724	152	47,637	130
Montana	2,186	71	26,123	71
Utah	2,549	82	30,038	82
Wyoming	4,978	161	57,887	158
PAD District 5	35,285	1,138	405,552	1,108
Alaska	17,248	556	192,401	526
South Alaska	374	12	4,034	11
North Slope	16,874	544	188,367	515
Arizona	5	0	51	0
California	16,302	526	194,766	532
Nevada	29	1	368	1
Federal Offshore PAD District 5	1,701	55	17,965	49
U.S. Total	217,917	7,030	2,369,484	6,474

= No Data Reported.

Note: The year-to-date totals include revised monthly State estimates published in the Petroleum Supply Navigator. Totals may not equal sum of components due to independent rounding. All PAD District totals and the U.S. total are estimates. In addition, reported production of most States are estimates. State offshore production for Louisiana, Texas, Alaska, and California are included in the State totals and are not reported separately in a "State Offshore Production" category.

Sources: State government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, December 2012
 (Thousand Barrels)

Commodity	Production								
	PAD District 1 - East Coast			PAD District 2 - Midwest					
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total		
Natural Gas Liquids	-	1,724	1,724	2,386	1,503	9,458	13,347		
Pentanes Plus	-	282	282	167	252	1,096	1,515		
Liquefied Petroleum Gases	-	1,442	1,442	2,219	1,251	8,362	11,832		
Ethane	-	19	19	778	2	3,502	4,282		
Propane	-	971	971	1,036	816	3,206	5,058		
Normal Butane	-	204	204	139	362	1,075	1,576		
Isobutane	-	248	248	266	71	579	916		
Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Liquids	31,626	4,501	6,534	547	5,005	48,213	9,413	2,140	74,837
Pentanes Plus	3,657	490	746	128	482	5,503	1,491	960	9,751
Liquefied Petroleum Gases	27,969	4,011	5,788	419	4,523	42,710	7,922	1,180	65,086
Ethane	13,610	2,057	2,739	168	2,348	20,922	3,174	3	28,400
Propane	9,230	1,236	1,917	134	1,450	13,967	3,003	443	23,442
Normal Butane	3,238	-1,790	639	72	449	2,608	1,249	390	6,027
Isobutane	1,891	2,508	493	45	276	5,213	496	344	7,217
Commodity	Stocks								
	PAD District 1 - East Coast			PAD District 2 - Midwest					
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total		
Natural Gas Liquids	-	96	96	423	60	639	1,122		
Pentanes Plus	-	16	16	45	22	42	109		
Liquefied Petroleum Gases	-	80	80	378	38	597	1,013		
Ethane	-	-	-	23	-	197	220		
Propane	-	76	76	275	23	240	538		
Normal Butane	-	2	2	28	13	114	155		
Isobutane	-	2	2	52	2	46	100		
Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Liquids	164	2,762	327	19	32	3,304	125	181	4,828
Pentanes Plus	25	94	48	8	10	185	38	35	383
Liquefied Petroleum Gases	139	2,668	279	11	22	3,119	87	146	4,445
Ethane	49	566	-	-	-	615	2	-	837
Propane	48	1,129	20	8	12	1,217	55	58	1,944
Normal Butane	31	566	75	3	7	682	23	45	907
Isobutane	11	407	184	-	3	605	7	43	757

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2012
 (Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	27,213	2,893	30,106	67,532	14,809	24,352	106,693
Natural Gas Plant Liquids and Liquefied Refinery Gases	801	—	801	3,160	129	1,408	4,697
Pentanes Plus	24	—	24	765	—	363	1,128
Liquefied Petroleum Gases	777	—	777	2,395	129	1,045	3,569
Normal Butane	568	—	568	1,407	91	616	2,114
Isobutane	209	—	209	988	38	429	1,455
Other Liquids	69,460	4,913	74,373	3,133	3,349	1,976	8,458
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons	8,922	788	9,710	5,091	1,213	1,417	7,721
Hydrogen	106	30	136	526	78	149	753
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	8,816	758	9,574	4,544	1,135	1,268	6,947
Fuel Ethanol	8,686	719	9,405	4,417	1,096	1,249	6,762
Renewable Diesel Fuel	130	39	169	127	39	19	185
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	21	—	—	21
Unfinished Oils (net)	6,741	-86	6,655	1,613	9	-467	1,155
Naphthas and Lighter	912	-38	874	871	7	-16	862
Kerosene and Light Gas Oils	74	-1	73	-68	15	22	-31
Heavy Gas Oils	2,482	-47	2,435	820	-14	14	820
Residuum	3,273	0	3,273	-10	1	-487	-496
Motor Gasoline Blend.Comp. (MGBC)(net)	53,797	4,211	58,008	-3,571	2,127	1,026	-418
Reformulated - RBOB	13,589	—	13,589	-1,642	907	875	140
Conventional	40,208	4,211	44,419	-1,929	1,220	151	-558
CBOB	34,892	4,223	39,115	-3,689	1,165	147	-2,377
GTAB	769	—	769	—	—	—	—
Other	4,547	-12	4,535	1,760	55	4	1,819
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	97,474	7,806	105,280	73,825	18,287	27,736	119,848

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2012
 (Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,169	119,326	100,577	6,681	3,905	250,658	18,668	68,790	474,915
Natural Gas Plant Liquids and Liquefied Refinery Gases	532	5,738	4,339	46	125	10,780	710	2,906	19,894
Pentanes Plus	184	2,197	1,630	20	—	4,031	192	752	6,127
Liquefied Petroleum Gases	348	3,541	2,709	26	125	6,749	518	2,154	13,767
Normal Butane	205	2,212	1,140	14	—	3,571	337	1,485	8,075
Isobutane	143	1,329	1,569	12	125	3,178	181	669	5,692
Other Liquids	7,049	-27,890	-32,001	4,198	-48	-48,692	291	12,485	46,915
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons	1,731	2,999	1,883	1,044	182	7,839	996	5,893	32,159
Hydrogen	24	2,177	1,446	165	37	3,849	215	1,399	6,352
Oxygenates (excluding Fuel Ethanol)	—	81	—	—	—	81	—	—	81
Methyl Tertiary Butyl Ether (MTBE)	—	81	—	—	—	81	—	—	81
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,707	741	437	879	145	3,909	781	4,494	25,705
Fuel Ethanol	1,676	700	443	851	137	3,807	763	4,394	25,131
Renewable Diesel Fuel	31	42	-6	28	8	103	18	100	575
Other Renewable Fuels	—	-1	—	—	—	-1	—	—	-1
Other Hydrocarbons	—	—	—	—	—	—	—	—	21
Unfinished Oils (net)	-1,054	4,127	5,007	-67	33	8,046	-310	2,349	17,895
Naphthas and Lighter	-462	-2,211	-358	53	38	-2,940	28	-654	-1,830
Kerosene and Light Gas Oils	-333	-1,073	944	-64	-3	-529	-315	-268	-1,070
Heavy Gas Oils	-91	6,248	1,714	-28	-2	7,841	139	2,726	13,961
Residuum	-168	1,163	2,707	-28	—	3,674	-162	545	6,834
Motor Gasoline Blend.Comp. (MDBC)(net)	6,393	-35,016	-38,891	3,221	-263	-64,556	-395	4,243	-3,118
Reformulated - RBOB	4,816	-8,761	-3,626	—	-680	-8,251	—	202	5,680
Conventional	1,577	-26,255	-35,265	3,221	417	-56,305	-395	4,041	-8,798
CBOB	2,204	-22,460	-33,441	4,199	397	-49,101	-720	3,564	-9,519
GTAB	—	—	—	—	—	—	—	—	769
Other	-627	-3,795	-1,824	-978	20	-7,204	325	477	-48
Aviation Gasoline Blend. Comp. (net)	-21	—	—	—	—	-21	—	—	-21
Total Input	27,750	97,174	72,915	10,925	3,982	212,746	19,669	84,181	541,724

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2012
 (Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	894	-21	873	1,360	-299	-100	961
Ethane/Ethylene	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	-	-	-	-	-	-	-
Propane/Propylene	1,124	26	1,150	2,358	289	650	3,297
Propane	685	26	711	1,589	288	451	2,328
Propylene	439	-	439	769	1	199	969
Normal Butane/Butylene	-183	-37	-220	-1,029	-581	-699	-2,309
Normal Butane	-242	-37	-279	-1,029	-581	-695	-2,305
Butylene	59	-	59	0	-	-4	-4
Isobutane/Isobutylene	-47	-10	-57	31	-7	-51	-27
Isobutane	-47	-10	-57	31	-7	-51	-27
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	80,218	6,045	86,263	41,015	11,349	16,298	68,662
Reformulated	35,890	-	35,890	8,417	1,546	973	10,936
Reformulated Blended with Fuel Ethanol	35,890	-	35,890	8,417	1,546	973	10,936
Reformulated Other	-	-	-	-	-	-	-
Conventional	44,328	6,045	50,373	32,598	9,803	15,325	57,726
Conventional Blended with Fuel Ethanol	49,532	7,242	56,774	35,791	9,259	11,428	56,478
Ed55 and Lower	49,528	7,242	56,770	35,787	9,243	11,410	56,440
Greater than Ed55	4	-	4	4	16	18	38
Conventional Other	-5,204	-1,197	-6,401	-3,193	544	3,897	1,248
Finished Aviation Gasoline	-	-	-	-	42	-	42
Kerosene-Type Jet Fuel	1,929	-	1,929	4,883	746	794	6,423
Kerosene	72	10	82	194	4	13	211
Distillate Fuel Oil	10,755	803	11,558	18,890	4,729	9,265	32,884
15 ppm sulfur and under	7,414	699	8,113	19,047	4,738	9,156	32,941
Greater than 15 ppm to 500 ppm sulfur	30	180	210	77	10	133	220
Greater than 500 ppm sulfur	3,311	-76	3,235	-234	-19	-24	-277
Residual Fuel Oil	1,978	10	1,988	859	239	119	1,217
Less than 0.31 percent sulfur	694	8	702	-	-	-	-
0.31 to 1.00 percent sulfur	229	2	231	85	59	-	144
Greater than 1.00 percent sulfur	1,055	-	1,055	774	180	119	1,073
Petrochemical Feedstocks	130	-	130	1,263	-25	66	1,304
Naphtha for Petro. Feed. Use	130	-	130	924	-25	38	937
Other Oils for Petro. Feed. Use	-	-	-	339	-	28	367
Special Naphthas	-	19	19	-42	-	19	-23
Lubricants	129	181	310	-	-	-1	-1
Waxes	-	-3	-3	-	-	-	-
Petroleum Coke	1,105	21	1,126	3,757	841	841	5,439
Marketable	316	-	316	2,652	681	581	3,914
Catalyst	789	21	810	1,105	160	260	1,525
Asphalt and Road Oil	1,053	654	1,707	3,171	1,300	652	5,123
Still Gas	1,184	58	1,242	2,532	670	926	4,128
Miscellaneous Products	56	35	91	249	109	45	403
Total	99,503	7,812	107,315	78,131	19,705	28,937	126,773
Processing Gain(-) or Loss(+) ¹	-2,029	-6	-2,035	-4,306	-1,418	-1,201	-6,925

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2012
 (Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	526	5,489	4,087	-47	52	10,107	87	-125	11,903
Ethane/Ethylene	-	473	13	-	-	486	-	-	486
Ethane	-	333	13	-	-	346	-	-	346
Ethylene	-	140	-	-	-	140	-	-	140
Propane/Propylene	740	5,984	5,038	39	48	11,849	310	1,330	17,936
Propane	354	2,681	1,631	2	48	4,716	283	1,055	9,093
Propylene	386	3,303	3,407	37	-	7,133	27	275	8,843
Normal Butane/Butylene	-198	-823	-1,151	-86	4	-2,254	-206	-1,292	-6,281
Normal Butane	-157	-503	-1,137	-86	4	-1,879	-195	-1,293	-5,951
Butylene	-41	-320	-14	-	-	-375	-11	1	-330
Isobutane/Isobutylene	-16	-145	187	-	-	26	-17	-163	-238
Isobutane	-16	-130	187	-	-	41	-17	-163	-223
Isobutylene	-	-15	-	-	-	-15	-	-	-15
Finished Motor Gasoline	19,275	26,051	12,520	6,026	2,043	65,915	10,354	47,600	278,794
Reformulated	6,108	5,692	-	-	-	11,800	-	31,712	90,338
Reformulated Blended with Fuel Ethanol	6,108	5,692	-	-	-	11,800	-	31,712	90,338
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	13,167	20,359	12,520	6,026	2,043	54,115	10,354	15,888	188,456
Conventional Blended with Fuel Ethanol	10,714	1,327	4,447	8,633	1,368	26,489	7,576	12,029	159,346
Ed55 and Lower	10,711	1,327	4,447	8,632	1,368	26,485	7,573	12,026	159,294
Greater than Ed55	3	-	-	1	-	4	3	3	52
Conventional Other	2,453	19,032	8,073	-2,607	675	27,626	2,778	3,859	29,110
Finished Aviation Gasoline	85	41	43	-	-	169	10	2	223
Kerosene-Type Jet Fuel	1,157	10,649	11,898	167	-	23,871	732	12,387	45,342
Kerosene	9	-	51	9	-	69	-	26	388
Distillate Fuel Oil	5,687	40,261	33,895	2,560	1,596	83,999	6,399	16,765	151,605
15 ppm sulfur and under	4,996	38,083	25,986	2,394	1,585	73,044	6,282	15,392	135,772
Greater than 15 ppm to 500 ppm sulfur	639	1,037	1,576	51	-	3,303	113	725	4,571
Greater than 500 ppm sulfur	52	1,141	6,333	115	11	7,652	4	648	11,262
Residual Fuel Oil	165	2,170	2,297	-145	176	4,663	395	3,028	11,291
Less than 0.31 percent sulfur	89	6	196	-	-	291	204	36	1,233
0.31 to 1.00 percent sulfur	76	311	594	-50	12	943	14	923	2,255
Greater than 1.00 percent sulfur	0	1,853	1,507	-95	164	3,429	177	2,069	7,803
Petrochemical Feedstocks	121	6,020	2,829	-	-	8,970	-	4	10,408
Naphtha for Petro. Feed. Use	119	4,796	1,663	-	-	6,578	-	4	7,649
Other Oils for Petro. Feed. Use	2	1,224	1,166	-	-	2,392	-	-	2,759
Special Naphthas	188	619	251	207	-	1,265	-	14	1,275
Lubricants	33	1,485	1,259	753	-	3,530	-	251	4,090
Waxes	-	101	16	34	-	151	-	-	148
Petroleum Coke	447	9,114	6,843	133	58	16,595	796	4,587	28,543
Marketable	202	7,104	5,419	133	-	12,858	549	3,662	21,299
Catalyst	245	2,010	1,424	-	58	3,737	247	925	7,244
Asphalt and Road Oil	391	173	282	879	56	1,781	1,018	580	10,209
Still Gas	735	6,411	4,238	235	210	11,829	743	3,735	21,677
Miscellaneous Products	98	910	620	18	11	1,657	131	353	2,635
Total	28,917	109,494	81,129	10,829	4,202	234,571	20,665	89,207	578,531
Processing Gain(-) or Loss(+) ¹	-1,167	-12,320	-8,214	96	-220	-21,825	-996	-5,026	-36,807

- = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2012
 (Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	27,213	2,893	30,106	67,532	14,809	24,352	106,693
Natural Gas Plant Liquids	557	—	557	3,112	109	1,107	4,328
Pentanes Plus	—	—	—	765	—	354	1,119
Liquefied Petroleum Gases	557	—	557	2,347	109	753	3,209
Normal Butane	348	—	348	1,359	71	324	1,754
Isobutane	209	—	209	988	38	429	1,455
Other Liquids	-7,007	-3	-7,010	-29,028	-2,830	-721	-32,579
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons	235	138	373	715	276	257	1,248
Hydrogen	106	30	136	526	78	149	753
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	129	108	237	168	198	108	474
Fuel Ethanol	129	96	225	160	179	108	447
Renewable Diesel Fuel	—	12	12	8	19	—	27
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	21	—	—	21
Unfinished Oils (net)	6,733	-85	6,648	1,659	9	-467	1,201
Naphthas and Lighter	906	-38	868	862	7	-16	853
Kerosene and Light Gas Oils	73	—	73	-13	15	22	24
Heavy Gas Oils	2,463	-47	2,416	820	-14	14	820
Residuum	3,291	0	3,291	-10	1	-487	-496
Motor Gasoline Blend.Comp. (MGBC)(net)	-13,975	-56	-14,031	-31,402	-3,115	-511	-35,028
Reformulated - RBOB	-10,991	—	-10,991	-9,167	-520	—	-9,687
Conventional	-2,984	-56	-3,040	-22,235	-2,595	-511	-25,341
CBOB	-3,124	-43	-3,167	-22,870	-2,513	-299	-25,682
GTAB	—	—	—	—	—	—	—
Other	140	-13	127	635	-82	-212	341
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input to Refineries	20,763	2,890	23,653	41,616	12,088	24,738	78,442
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	942	94	1,036	2,130	478	783	3,391
Operable Capacity (daily average)	1,198	95	1,293	2,414	449	860	3,723
Operable Utilization Rate (percent) ²	78.7	98.5	80.1	88.2	106.5	91.1	91.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	165	16	180	445	73	159	677
Catalytic Cracking	455	17	471	720	134	204	1,058
Catalytic Hydrocracking	46	—	46	155	40	50	245
Delayed and Fluid Coking	48	—	48	278	66	67	411
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.70	1.69	0.80	1.55	2.08	0.89	1.47
API Gravity, Weighted Average (degrees)	34.97	31.88	34.64	32.48	29.17	36.74	33.02
Operable Capacity (daily average)	1,198	95	1,293	2,414	449	860	3,723
Operating	1,170	95	1,265	2,170	449	848	3,467
Idle	28	—	28	245	—	12	257
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2012
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,169	119,326	100,577	6,681	3,905	250,658	18,668	68,790	474,915
Natural Gas Plant Liquids	504	4,876	4,339	32	125	9,876	686	2,906	18,353
Pentanes Plus	183	1,566	1,630	20	—	3,399	182	752	5,452
Liquefied Petroleum Gases	321	3,310	2,709	12	125	6,477	504	2,154	12,901
Normal Butane	178	1,981	1,140	—	—	3,299	323	1,485	7,209
Isobutane	143	1,329	1,569	12	125	3,178	181	669	5,692
Other Liquids	-6,214	-36,692	-34,706	-1,589	-555	-79,756	-1,837	-26,562	-147,744
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons	166	2,322	1,580	193	74	4,335	516	1,547	8,019
Hydrogen	24	2,177	1,446	165	37	3,849	215	1,399	6,352
Oxygenates (excluding Fuel Ethanol)	—	81	—	—	—	81	—	—	81
Methyl Tertiary Butyl Ether (MTBE)	—	81	—	—	—	81	—	—	81
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	142	64	134	28	37	405	301	148	1,565
Fuel Ethanol	128	49	134	28	37	376	288	139	1,475
Renewable Diesel Fuel	14	15	—	—	—	29	13	9	90
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	21
Unfinished Oils (net)	-1,054	4,127	5,007	-67	33	8,046	-310	2,349	17,934
Naphthas and Lighter	-462	-2,211	-358	53	38	-2,940	28	-654	-1,845
Kerosene and Light Gas Oils	-333	-1,073	944	-64	-3	-529	-315	-268	-1,015
Heavy Gas Oils	-91	6,248	1,714	-28	-2	7,841	139	2,726	13,942
Residuum	-168	1,163	2,707	-28	—	3,674	-162	545	6,852
Motor Gasoline Blend.Comp. (MGBC)(net)	-5,305	-43,141	-41,293	-1,715	-662	-92,116	-2,043	-30,458	-173,676
Reformulated - RBOB	-676	-13,755	-3,626	—	-680	-18,737	—	-27,300	-66,715
Conventional	-4,629	-29,386	-37,667	-1,715	18	-73,379	-2,043	-3,158	-106,961
CBOB	-4,002	-21,062	-35,843	-700	-2	-61,609	-1,728	-3,571	-95,757
GTAB	—	—	—	—	—	—	—	—	—
Other	-627	-8,324	-1,824	-1,015	20	-11,770	-315	413	-11,204
Aviation Gasoline Blend. Comp. (net)	-21	—	—	—	—	-21	—	—	-21
Total Input to Refineries	14,459	87,510	70,210	5,124	3,475	180,778	17,517	45,134	345,524
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	652	3,924	3,371	190	126	8,264	605	2,411	15,707
Operable Capacity (daily average)	669	4,099	3,577	243	126	8,715	625	3,032	17,388
Operable Utilization Rate (percent) ²	97.4	95.7	94.3	78.3	99.9	94.8	96.7	79.5	90.3
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	138	635	528	32	27	1,360	104	333	2,655
Catalytic Cracking	181	1,342	1,102	18	34	2,677	170	687	5,063
Catalytic Hydrocracking	47	486	375	16	—	924	21	453	1,690
Delayed and Fluid Coking	24	736	550	24	—	1,335	73	428	2,296
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.72	1.60	1.54	1.44	0.74	1.48	1.42	1.35	1.42
API Gravity, Weighted Average (degrees)	36.40	30.46	30.92	30.06	38.23	31.28	32.58	27.46	31.32
Operable Capacity (daily average)	669	4,099	3,577	243	126	8,715	625	3,032	17,388
Operating	669	4,040	3,522	243	126	8,601	625	2,648	16,607
Idle	—	59	55	—	—	114	—	384	782
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	17,876	17,876

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2012
 (Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	
Liquefied Refinery Gases	894	-21	873	1,360	-299	-100	961
Ethane/Ethylene	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	-	-	-	-	-	-	-
Propane/Propylene	1,124	26	1,150	2,358	289	650	3,297
Propane	685	26	711	1,589	288	451	2,328
Propylene	439	-	439	769	1	199	969
Normal Butane/Butylene	-183	-37	-220	-1,029	-581	-699	-2,309
Normal Butane	-242	-37	-279	-1,029	-581	-695	-2,305
Butylene	59	-	59	0	-	-4	-4
Isobutane/Isobutylene	-47	-10	-57	31	-7	-51	-27
Isobutane	-47	-10	-57	31	-7	-51	-27
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	3,539	1,156	4,695	8,898	5,174	13,317	27,389
Reformulated	1,282	-	1,282	-	-	-	-
Reformulated Blended with Fuel Ethanol	1,282	-	1,282	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	2,257	1,156	3,413	8,898	5,174	13,317	27,389
Conventional Blended with Fuel Ethanol	-	961	961	1,590	1,797	1,098	4,485
Ed55 and Lower	-	961	961	1,590	1,797	1,098	4,485
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	2,257	195	2,452	7,308	3,377	12,219	22,904
Finished Aviation Gasoline	-	-	-	-	42	-	42
Kerosene-Type Jet Fuel	1,945	-	1,945	5,089	746	794	6,629
Commercial	1,945	-	1,945	4,953	654	490	6,097
Military	-	-	-	136	92	304	532
Kerosene	63	10	73	195	-	13	208
Distillate Fuel Oil	10,843	775	11,618	18,602	4,710	9,247	32,559
15 ppm sulfur and under	7,434	671	8,105	18,836	4,721	9,144	32,701
Greater than 15 ppm to 500 ppm sulfur	-14	85	71	-	8	38	46
Greater than 500 ppm sulfur	3,423	19	3,442	-234	-19	65	-188
Residual Fuel Oil	1,852	10	1,862	859	239	119	1,217
Less than 0.31 percent sulfur	609	8	617	-	-	-	-
0.31 to 1.00 percent sulfur	498	2	500	85	59	-	144
Greater than 1.00 percent sulfur	745	-	745	774	180	119	1,073
Petrochemical Feedstocks	130	-	130	1,263	-25	66	1,304
Naphtha for Petro. Feed. Use	130	-	130	924	-25	38	937
Other Oils for Petro. Feed. Use	-	-	-	339	-	28	367
Special Naphthas	-	19	19	-42	-	19	-23
Lubricants	129	181	310	-	-	-1	-1
Naphthenic	-	-	-	-	-	-	-
Paraffinic	129	181	310	-	-	-1	-1
Waxes	-	-3	-3	-	-	-	-
Petroleum Coke	1,105	21	1,126	3,757	841	841	5,439
Marketable	316	-	316	2,652	681	581	3,914
Catalyst	789	21	810	1,105	160	260	1,525
Asphalt and Road Oil	1,053	654	1,707	3,171	1,300	651	5,122
Still Gas	1,184	58	1,242	2,532	670	926	4,128
Miscellaneous Products	56	35	91	249	109	45	403
Fuel Use	-	-	-	-	-	-	-
Nonfuel Use	56	35	91	249	109	45	403
Total	22,793	2,895	25,688	45,933	13,507	25,937	85,377
Processing Gain(-) or Loss(+) ¹	-2,030	-5	-2,035	-4,317	-1,419	-1,199	-6,935

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2012
 (Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	526	5,489	4,087	-47	52	10,107	87	-125	11,903
Ethane/Ethylene	-	473	13	-	-	486	-	-	486
Ethane	-	333	13	-	-	346	-	-	346
Ethylene	-	140	-	-	-	140	-	-	140
Propane/Propylene	740	5,984	5,038	39	48	11,849	310	1,330	17,936
Propane	354	2,681	1,631	2	48	4,716	283	1,055	9,093
Propylene	386	3,303	3,407	37	-	7,133	27	275	8,843
Normal Butane/Butylene	-198	-823	-1,151	-86	4	-2,254	-206	-1,292	-6,281
Normal Butane	-157	-503	-1,137	-86	4	-1,879	-195	-1,293	-5,951
Butylene	-41	-320	-14	-	-	-375	-11	1	-330
Isobutane/Isobutylene	-16	-145	187	-	-	26	-17	-163	-238
Isobutane	-16	-130	187	-	-	41	-17	-163	-223
Isobutylene	-	-15	-	-	-	-15	-	-	-15
Finished Motor Gasoline	6,001	16,404	9,808	251	1,545	34,009	8,205	8,642	82,940
Reformulated	-	-	-	-	-	-	-	1,121	2,403
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	1,121	2,403
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	6,001	16,404	9,808	251	1,545	34,009	8,205	7,521	80,537
Conventional Blended with Fuel Ethanol	1,281	486	1,343	242	360	3,712	2,880	283	12,321
Ed55 and Lower	1,278	486	1,343	242	360	3,709	2,880	283	12,318
Greater than Ed55	3	-	-	-	-	3	-	-	3
Conventional Other	4,720	15,918	8,465	9	1,185	30,297	5,325	7,238	68,216
Finished Aviation Gasoline	85	41	43	-	-	169	10	2	223
Kerosene-Type Jet Fuel	1,157	11,175	11,898	167	-	24,397	732	12,422	46,125
Commercial	718	10,041	11,647	-	-	22,406	633	11,628	42,709
Military	439	1,134	251	167	-	1,991	99	794	3,416
Kerosene	9	-	51	9	-	69	-	5	355
Distillate Fuel Oil	5,670	39,728	34,120	2,532	1,588	83,638	6,394	16,662	150,871
15 ppm sulfur and under	4,979	38,211	25,986	2,366	1,577	73,119	6,277	15,293	135,495
Greater than 15 ppm to 500 ppm sulfur	639	1,037	1,582	51	-	3,309	113	725	4,264
Greater than 500 ppm sulfur	52	480	6,552	115	11	7,210	4	644	11,112
Residual Fuel Oil	165	2,143	2,063	-145	176	4,402	395	3,028	10,904
Less than 0.31 percent sulfur	89	7	196	-	-	292	204	36	1,149
0.31 to 1.00 percent sulfur	76	316	552	-50	12	906	14	923	2,487
Greater than 1.00 percent sulfur	0	1,820	1,315	-95	164	3,204	177	2,069	7,268
Petrochemical Feedstocks	121	6,020	2,829	-	-	8,970	-	4	10,408
Naphtha for Petro. Feed. Use	119	4,796	1,663	-	-	6,578	-	4	7,649
Other Oils for Petro. Feed. Use	2	1,224	1,166	-	-	2,392	-	-	2,759
Special Naphthas	188	629	251	207	-	1,275	-	14	1,285
Lubricants	33	1,485	1,259	753	-	3,530	-	251	4,090
Naphthenic	33	60	-	652	-	745	-	117	862
Paraffinic	-	1,425	1,259	101	-	2,785	-	134	3,228
Waxes	-	101	16	34	-	151	-	-	148
Petroleum Coke	447	9,114	6,843	133	58	16,595	796	4,587	28,543
Marketable	202	7,104	5,419	133	-	12,858	549	3,662	21,299
Catalyst	245	2,010	1,424	-	58	3,737	247	925	7,244
Asphalt and Road Oil	391	180	297	879	56	1,803	1,018	580	10,230
Still Gas	735	6,411	4,238	235	210	11,829	743	3,735	21,677
Miscellaneous Products	98	910	620	18	11	1,657	131	353	2,635
Fuel Use	-	-	-	-	-	-	-	-	-
Nonfuel Use	98	910	620	18	11	1,657	131	353	2,635
Total	15,626	99,830	78,423	5,026	3,696	202,601	18,511	50,160	382,337
Processing Gain(-) or Loss(+) ¹	-1,167	-12,320	-8,213	98	-221	-21,823	-994	-5,026	-36,813

- = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 32. Blender Net Inputs of Petroleum Products by PAD District, December 2012
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest					
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total		
Natural Gas Plant Liquids and Liquefied Refinery Gases									
Refinery Gases	244	—	244	48	20	301	369		
Pentanes Plus	24	—	24	—	—	9	9		
Liquefied Petroleum Gases	220	—	220	48	20	292	360		
Normal Butane	220	—	220	48	20	292	360		
Isobutane	—	—	—	—	—	—	—		
Other Liquids	76,467	4,916	81,383	32,161	6,179	2,697	41,037		
Oxygenates/Renewables	8,687	650	9,337	4,376	937	1,160	6,473		
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—		
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—		
All Other Oxygenates ¹	—	—	—	—	—	—	—		
Renewable Fuels (including Fuel Ethanol)	8,687	650	9,337	4,376	937	1,160	6,473		
Fuel Ethanol	8,557	623	9,180	4,257	917	1,141	6,315		
Renewable Diesel Fuel	130	27	157	119	20	19	158		
Other Renewable Fuels	—	—	—	—	—	—	—		
Unfinished Oils (net)	8	-1	7	-46	—	—	-46		
Naphthas and Lighter	6	—	6	9	—	—	9		
Kerosene and Light Gas Oils	1	-1	0	-55	—	—	-55		
Heavy Gas Oils	19	—	19	—	—	—	—		
Residuum	-18	—	-18	—	—	—	—		
Motor Gasoline Blend.Comp. (MGBC)(net)	67,772	4,267	72,039	27,831	5,242	1,537	34,610		
Reformulated - RBOB	24,580	—	24,580	7,525	1,427	875	9,827		
Conventional	43,192	4,267	47,459	20,306	3,815	662	24,783		
CBOB	38,016	4,266	42,282	19,181	3,678	446	23,305		
GTAB	769	—	769	—	—	—	—		
Other	4,407	1	4,408	1,125	137	216	1,478		
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—		
Total Input	76,711	4,916	81,627	32,209	6,199	2,998	41,406		
Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids and Liquefied Refinery Gases									
Refinery Gases	28	862	—	14	—	904	24	—	1,541
Pentanes Plus	1	631	—	—	—	632	10	—	675
Liquefied Petroleum Gases	27	231	—	14	—	272	14	—	866
Normal Butane	27	231	—	14	—	272	14	—	866
Isobutane	—	—	—	—	—	—	—	—	—
Other Liquids	13,263	8,802	2,705	5,787	507	31,064	2,128	39,047	194,659
Oxygenates/Renewables	1,565	677	303	851	108	3,504	480	4,346	24,140
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,565	677	303	851	108	3,504	480	4,346	24,140
Fuel Ethanol	1,548	651	309	823	100	3,431	475	4,255	23,656
Renewable Diesel Fuel	17	27	-6	28	8	74	5	91	485
Other Renewable Fuels	—	-1	—	—	—	-1	—	—	-1
Unfinished Oils (net)	—	—	—	—	—	—	—	—	-39
Naphthas and Lighter	—	—	—	—	—	—	—	—	15
Kerosene and Light Gas Oils	—	—	—	—	—	—	—	—	-55
Heavy Gas Oils	—	—	—	—	—	—	—	—	19
Residuum	—	—	—	—	—	—	—	—	-18
Motor Gasoline Blend.Comp. (MGBC)(net)	11,698	8,125	2,402	4,936	399	27,560	1,648	34,701	170,558
Reformulated - RBOB	5,492	4,994	—	—	—	10,486	—	27,502	72,395
Conventional	6,206	3,131	2,402	4,936	399	17,074	1,648	7,199	98,163
CBOB	6,206	-1,398	2,402	4,899	399	12,508	1,008	7,135	86,238
GTAB	—	—	—	—	—	—	—	—	769
Other	—	4,529	—	37	—	4,566	640	64	11,156
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—	—	—
Total Input	13,291	9,664	2,705	5,801	507	31,968	2,152	39,047	196,200

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 33. Blender Net Production of Petroleum Products by PAD District, December 2012
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	76,679	4,889	81,568	32,117	6,175	2,981	41,273
Reformulated	34,608	—	34,608	8,417	1,546	973	10,936
Reformulated Blended with Fuel Ethanol	34,608	—	34,608	8,417	1,546	973	10,936
Reformulated Other	—	—	—	—	—	—	—
Conventional	42,071	4,889	46,960	23,700	4,629	2,008	30,337
Conventional Blended with Fuel Ethanol	49,532	6,281	55,813	34,201	7,462	10,330	51,993
Ed55 and Lower	49,528	6,281	55,809	34,197	7,446	10,312	51,955
Greater than Ed55	4	—	4	4	16	18	38
Conventional Other	-7,461	-1,392	-8,853	-10,501	-2,833	-8,322	-21,656
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	-16	—	-16	-206	—	—	-206
Kerosene	9	—	9	-1	4	—	3
Distillate Fuel Oil	-88	28	-60	288	19	18	325
15 ppm sulfur and under	-20	28	8	211	17	12	240
Greater than 15 ppm to 500 ppm sulfur	44	95	139	77	2	95	174
Greater than 500 ppm sulfur	-112	-95	-207	—	—	-89	-89
Residual Fuel Oil	126	—	126	—	—	—	—
Less than 0.31 percent sulfur	85	—	85	—	—	—	—
0.31 to 1.00 percent sulfur	-269	—	-269	—	—	—	—
Greater than 1.00 percent sulfur	310	—	310	—	—	—	—
Special Naphthas	—	—	—	—	—	—	—
Lubricants	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	—	—	—	1	1
Miscellaneous Products	—	—	—	—	—	—	—
Total Production	76,710	4,917	81,627	32,198	6,198	3,000	41,396
Processing Gain(-) or Loss(+) ¹	1	-1	0	11	1	-2	10

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	13,274	9,647	2,712	5,775	498	31,906	2,149	38,958	195,854
Reformulated	6,108	5,692	—	—	—	11,800	—	30,591	87,935
Reformulated Blended with Fuel Ethanol	6,108	5,692	—	—	—	11,800	—	30,591	87,935
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	7,166	3,955	2,712	5,775	498	20,106	2,149	8,367	107,919
Conventional Blended with Fuel Ethanol	9,433	841	3,104	8,391	1,008	22,777	4,696	11,746	147,025
Ed55 and Lower	9,433	841	3,104	8,390	1,008	22,776	4,693	11,743	146,976
Greater than Ed55	—	—	—	1	—	1	3	3	49
Conventional Other	-2,267	3,114	-392	-2,616	-510	-2,671	-2,547	-3,379	-39,106
Finished Aviation Gasoline	—	—	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	—	-526	—	—	—	-526	—	-35	-783
Kerosene	—	—	—	—	—	—	—	21	33
Distillate Fuel Oil	17	533	-225	28	8	361	5	103	734
15 ppm sulfur and under	17	-128	—	28	8	-75	5	99	277
Greater than 15 ppm to 500 ppm sulfur	—	—	-6	—	—	-6	—	—	307
Greater than 500 ppm sulfur	—	661	-219	—	—	442	—	4	150
Residual Fuel Oil	—	27	234	—	—	261	—	—	387
Less than 0.31 percent sulfur	—	-1	—	—	—	-1	—	—	84
0.31 to 1.00 percent sulfur	—	-5	42	—	—	37	—	—	-232
Greater than 1.00 percent sulfur	—	33	192	—	—	225	—	—	535
Special Naphthas	—	-10	—	—	—	-10	—	—	-10
Lubricants	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	-7	-15	—	—	-22	—	—	-21
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total Production	13,291	9,664	2,706	5,803	506	31,970	2,154	39,047	196,194
Processing Gain(-) or Loss(+) ¹	0	0	-1	-2	1	-2	-2	0	6

— = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2012
 (Thousands Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	6,647	398	7,045	8,842	1,737	1,917	12,496
Petroleum Products	17,842	2,339	20,181	30,832	7,611	10,741	49,184
Pentanes Plus	—	—	—	175	—	191	366
Liquefied Petroleum Gases	769	34	803	2,779	493	1,377	4,649
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	257	2	259	1,178	27	1,159	2,364
Normal Butane/Butylene	340	16	356	1,329	396	94	1,819
Isobutane/Isobutylene	172	16	188	272	70	124	466
Oxygenates/Renewable Fuels/Other Hydrocarbons	84	92	176	78	37	13	128
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	84	92	176	36	37	13	86
Fuel Ethanol	84	89	173	33	30	12	75
Renewable Diesel Fuel	—	3	3	3	7	1	11
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	42	—	—	42
Unfinished Oils	4,160	412	4,572	8,562	402	3,350	12,314
Naphthas and Lighter	702	238	940	2,216	62	930	3,208
Kerosene and Light Gas Oils	361	—	361	2,062	152	276	2,490
Heavy Gas Oils	1,909	165	2,074	2,449	182	1,168	3,799
Residuum	1,188	9	1,197	1,835	6	976	2,817
Motor Gasoline Blending Components (MGBC)	6,195	211	6,406	8,044	1,338	907	10,289
Reformulated - RBOB	2,619	—	2,619	1,243	—	—	1,243
Conventional	3,576	211	3,787	6,801	1,338	907	9,046
CBOB	363	173	536	2,726	555	56	3,337
GTAB	—	—	—	—	—	—	—
Other	3,213	38	3,251	4,075	783	851	5,709
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	526	53	579	1,136	647	1,958	3,741
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	526	53	579	1,136	647	1,958	3,741
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	526	53	579	1,136	647	1,958	3,741
Finished Aviation Gasoline	—	—	—	—	76	—	76
Kerosene-Type Jet Fuel	588	—	588	1,384	267	284	1,935
Kerosene	111	8	119	154	—	25	179
Distillate Fuel Oil	3,452	352	3,804	4,250	1,317	1,734	7,301
15 ppm sulfur and under	1,787	179	1,966	4,032	957	1,366	6,355
Greater than 15 ppm to 500 ppm sulfur	53	151	204	13	160	73	246
Greater than 500 ppm sulfur	1,612	22	1,634	205	200	295	700
Residual Fuel Oil	831	10	841	738	286	55	1,079
Less than 0.31 percent sulfur	150	8	158	—	—	—	—
0.31 to 1.00 percent sulfur	407	2	409	65	27	—	92
Greater than 1.00 percent sulfur	274	—	274	673	259	55	987
Petrochemical Feedstocks	179	—	179	547	90	16	653
Naphtha for Petro. Feed. Use	179	—	179	429	90	16	535
Other Oils for Petro. Feed. Use	—	—	—	118	—	—	118
Special Naphthas	—	17	17	69	—	18	87
Lubricants	337	334	671	—	—	76	76
Waxes	—	228	228	—	—	18	18
Petroleum Coke	—	—	—	716	897	170	1,783
Marketable	—	—	—	716	897	170	1,783
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	595	565	1,160	2,139	1,734	545	4,418
Miscellaneous Products	15	23	38	61	27	4	92
Total Stocks, All Oils	24,489	2,737	27,226	39,674	9,348	12,658	61,680

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2012
 (Thousands Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,649	22,663	17,129	1,148	412	43,001	2,449	23,982	88,973
Petroleum Products	11,741	54,105	46,921	3,953	1,524	118,244	12,270	51,764	251,643
Pentanes Plus	150	35	293	—	4	482	35	1	884
Liquefied Petroleum Gases	2,322	1,789	4,349	17	34	8,511	464	1,803	16,230
Ethane/Ethylene	214	—	—	—	—	214	—	—	214
Propane/Propylene	1,128	74	483	3	3	1,691	103	156	4,573
Normal Butane/Butylene	745	1,291	3,164	9	17	5,226	267	1,191	8,859
Isobutane/Isobutylene	235	424	702	5	14	1,380	94	456	2,584
Oxygenates/Renewable Fuels/Other Hydrocarbons	24	178	40	29	9	280	103	217	904
Oxygenates (excluding Fuel Ethanol)	—	112	—	—	—	112	—	—	112
Methyl Tertiary Butyl Ether (MTBE)	—	112	—	—	—	112	—	—	112
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	24	66	40	29	9	168	103	217	750
Fuel Ethanol	23	41	38	29	9	140	101	36	525
Renewable Diesel Fuel	1	25	2	—	—	28	2	181	225
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	42
Unfinished Oils	3,916	19,758	14,366	842	653	39,535	3,918	16,314	76,653
Naphthas and Lighter	1,764	4,629	2,121	117	290	8,921	1,004	3,906	17,979
Kerosene and Light Gas Oils	806	4,546	2,965	212	101	8,630	524	2,783	14,788
Heavy Gas Oils	644	8,134	7,221	491	262	16,752	1,779	7,624	32,028
Residuum	702	2,449	2,059	22	—	5,232	611	2,001	11,858
Motor Gasoline Blending Components (MGBC)	1,846	10,845	10,950	307	309	24,257	2,298	14,741	57,991
Reformulated - RBOB	183	956	542	—	—	1,681	—	5,683	11,226
Conventional	1,663	9,889	10,408	307	309	22,576	2,298	9,058	46,765
CBOB	356	3,150	5,137	114	104	8,861	575	1,375	14,684
GTAB	—	—	—	—	—	—	—	—	—
Other	1,307	6,739	5,271	193	205	13,715	1,723	7,683	32,081
Aviation Gasoline Blending Components	27	—	—	—	—	27	—	—	27
Finished Motor Gasoline	930	1,944	1,558	24	28	4,484	1,675	1,576	12,055
Reformulated	—	—	—	—	—	—	—	15	15
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	15	15
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	930	1,944	1,558	24	28	4,484	1,675	1,561	12,040
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	50	—	50
Ed55 and Lower	—	—	—	—	—	—	50	—	50
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	930	1,944	1,558	24	28	4,484	1,625	1,561	11,990
Finished Aviation Gasoline	52	152	145	—	—	349	20	129	574
Kerosene-Type Jet Fuel	350	2,631	2,469	59	—	5,509	375	4,562	12,969
Kerosene	39	—	1	8	—	48	1	15	362
Distillate Fuel Oil	1,174	5,541	6,408	509	282	13,914	1,993	6,462	33,474
15 ppm sulfur and under	966	4,540	4,356	338	212	10,412	1,755	4,814	25,302
Greater than 15 ppm to 500 ppm sulfur	182	222	595	54	—	1,053	103	534	2,140
Greater than 500 ppm sulfur	26	779	1,457	117	70	2,449	135	1,114	6,032
Residual Fuel Oil	57	2,655	1,506	62	76	4,356	206	2,965	9,447
Less than 0.31 percent sulfur	3	9	89	—	—	101	22	94	375
0.31 to 1.00 percent sulfur	2	168	156	26	6	358	4	621	1,484
Greater than 1.00 percent sulfur	52	2,478	1,261	36	70	3,897	180	2,250	7,588
Petrochemical Feedstocks	96	1,551	1,297	6	—	2,950	—	1	3,783
Naphtha for Petro. Feed. Use	33	901	533	6	—	1,473	—	1	2,188
Other Oils for Petro. Feed. Use	63	650	764	—	—	1,477	—	—	1,595
Special Naphthas	49	576	—	98	—	723	—	28	855
Lubricants	53	2,167	1,891	1,006	—	5,117	1	555	6,420
Waxes	—	104	80	97	—	281	—	—	527
Petroleum Coke	25	3,821	913	—	—	4,759	77	1,492	8,111
Marketable	25	3,821	913	—	—	4,759	77	1,492	8,111
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	597	215	517	888	128	2,345	1,085	819	9,827
Miscellaneous Products	34	143	138	1	1	317	19	84	550
Total Stocks, All Oils	13,390	76,768	64,050	5,101	1,936	161,245	14,719	75,746	340,616

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, December 2012

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	2.6	-0.8	2.4	2.0	-2.0	-0.4	0.9
Finished Motor Gasoline ¹	49.3	38.7	48.5	52.7	53.5	52.2	52.7
Finished Aviation Gasoline ²	-	-	-	-	0.3	-	0.0
Kerosene-Type Jet Fuel	5.7	-	5.3	7.4	5.0	3.3	6.1
Kerosene	0.2	0.4	0.2	0.3	-	0.1	0.2
Distillate Fuel Oil	31.9	27.2	31.6	26.9	31.7	38.7	30.2
Residual Fuel Oil	5.5	0.4	5.1	1.2	1.6	0.5	1.1
Naphtha for Petro. Feed. Use	0.4	-	0.4	1.3	0.0	0.2	0.9
Other Oils for Petro. Feed. Use	-	-	-	0.5	-	0.1	0.3
Special Naphthas	-	0.7	0.1	-0.1	-	0.1	0.0
Lubricants	0.4	6.5	0.8	-	-	0.0	0.0
Waxes	-	-0.1	0.0	-	-	-	-
Petroleum Coke	3.3	0.8	3.1	5.4	5.7	3.5	5.0
Asphalt and Road Oil	3.1	23.3	4.6	4.6	8.8	2.7	4.8
Still Gas	3.5	2.1	3.4	3.7	4.5	3.9	3.8
Miscellaneous Products	0.2	1.3	0.3	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ³	-6.0	-0.2	-5.5	-6.2	-9.6	-5.0	-6.4

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	2.8	4.5	3.9	-0.7	1.3	3.9	0.5	-0.2	2.4
Finished Motor Gasoline ¹	55.7	42.4	42.8	26.3	51.0	43.3	49.4	48.7	46.7
Finished Aviation Gasoline ²	0.6	0.0	0.0	-	-	0.1	0.1	0.0	0.1
Kerosene-Type Jet Fuel	6.1	9.1	11.3	2.5	-	9.4	4.0	17.5	9.4
Kerosene	0.1	-	0.1	0.1	-	0.0	-	0.0	0.1
Distillate Fuel Oil	29.6	32.2	32.3	38.3	40.3	32.3	34.8	23.4	30.6
Residual Fuel Oil	0.9	1.7	2.0	-2.2	4.5	1.7	2.2	4.3	2.2
Naphtha for Petro. Feed. Use	0.6	3.9	1.6	-	-	2.5	-	0.0	1.6
Other Oils for Petro. Feed. Use	0.0	1.0	1.1	-	-	0.9	-	-	0.6
Special Naphthas	1.0	0.5	0.2	3.1	-	0.5	-	0.0	0.3
Lubricants	0.2	1.2	1.2	11.4	-	1.4	-	0.4	0.8
Waxes	-	0.1	0.0	0.5	-	0.1	-	-	0.0
Petroleum Coke	2.3	7.4	6.5	2.0	1.5	6.4	4.3	6.5	5.8
Asphalt and Road Oil	2.1	0.2	0.3	13.3	1.4	0.7	5.6	0.8	2.1
Still Gas	3.9	5.2	4.0	3.6	5.3	4.6	4.1	5.3	4.4
Miscellaneous Products	0.5	0.7	0.6	0.0	0.0	0.6	0.7	0.5	0.5
Processing Gain(-) or Loss(+) ³	-6.1	-10.0	-7.8	1.5	-5.6	-8.4	-5.4	-7.1	-7.5

- = No Data Reported.

1 Based on total finished motor gasoline output minus net input of motor gasoline blending components, minus input of natural gas plant liquids, hydrogen, other hydrocarbons and oxygenates.

2 Based on finished aviation gasoline output minus net input of aviation gasoline blending components.

3 Represents the arithmetic difference between input and production.

Note: Percent yield is based on crude oil input and net reruns of unfinished oils

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.

Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, December 2012
 (Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	531	779	2,016	3,326
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	483	427	910
Georgia	—	64	420	484
Maine	3	—	81	84
Maryland	—	—	—	—
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	528	213	474	1,215
New York	—	14	405	419
North Carolina	—	—	—	—
Pennsylvania	—	—	115	115
Rhode Island	—	—	—	—
South Carolina	—	—	—	—
Vermont	—	5	2	7
Virginia	—	—	92	92
West Virginia	—	—	—	—
PAD District 2	1	113	97	211
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	—	51	51
Minnesota	1	57	46	104
North Dakota	—	56	—	56
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	281	405	576	1,262
Alabama	—	—	—	—
Louisiana	—	—	—	—
Mississippi	—	—	—	—
New Mexico	—	—	—	—
Texas	281	405	576	1,262
PAD District 4	—	—	13	13
Idaho	—	—	—	—
Montana	—	—	13	13
PAD District 5	—	—	706	706
Alaska	—	—	—	—
California	—	—	693	693
Hawaii	—	—	—	—
Oregon	—	—	—	—
Washington	—	—	13	13
U.S. Total	813	1,297	3,408	5,518

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 37. Imports of Crude Oil and Petroleum Products by PAD District, December 2012
 (Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil ^{1,2}	25,374	54,594	118,688	7,820	28,389	234,865	7,576
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,933	2,968	653	433	195	6,182	199
Pentanes Plus	—	11	554	—	—	565	18
Liquefied Petroleum Gases	1,933	2,957	99	433	195	5,617	181
Ethane	—	—	—	—	—	—	—
Ethylene	—	9	—	—	—	9	0
Propane	1,540	2,221	—	370	159	4,290	138
Propylene	260	417	—	—	—	677	22
Normal Butane	39	104	—	44	36	223	7
Butylene	—	96	99	—	—	195	6
Isobutane	94	110	—	19	—	223	7
Isobutylene	—	—	—	—	—	—	—
Other Liquids	19,556	140	15,053	4	3,300	38,053	1,228
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	799	70	52	—	720	1,641	53
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	7	—	—	7	0
Methyl Tertiary Butyl Ether (MTBE)	—	—	7	—	—	7	0
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	799	1	—	—	720	1,520	49
Fuel Ethanol	730	—	—	—	504	1,234	40
Biomass-Based Diesel Fuel	66	1	—	—	1	68	2
Other Renewable Diesel Fuel	3	—	—	—	215	218	7
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	69	45	—	—	114	4
Unfinished Oils ¹	4,888	—	14,492	—	2,350	21,730	701
Naphthas and Lighter	570	—	—	—	—	570	18
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	734	—	6,472	—	2,350	9,556	308
Residuum	3,584	—	8,020	—	—	11,604	374
Motor Gasoline Blend.Comp. (MGBC)	13,869	70	509	4	230	14,682	474
Reformulated - RBOB	5,504	—	—	—	—	5,504	178
Conventional	8,365	70	509	4	230	9,178	296
CBOB	1,210	—	—	—	130	1,340	43
GTAB	730	—	—	—	—	730	24
Other	6,425	70	509	4	100	7,108	229
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	10,423	901	5,184	187	2,125	18,820	607
Finished Motor Gasoline	1,437	43	384	13	104	1,981	64
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,437	43	384	13	104	1,981	64
Conventional Blended with Fuel Ethanol	1	25	—	—	—	26	1
Ed55 and Lower	1	25	—	—	—	26	1
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,436	18	384	13	104	1,955	63
Finished Aviation Gasoline	1	1	—	1	—	3	0
Kerosene-Type Jet Fuel	762	—	127	—	936	1,825	59
Bonded Aircraft Fuel	651	—	—	—	655	1,306	42
Other	111	—	127	—	281	519	17
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	4,564	181	1,080	48	7	5,880	190
15 ppm sulfur and under	3,195	173	283	31	—	3,682	119
Bonded	—	—	—	—	—	—	—
Other	3,195	173	283	31	—	3,682	119
Greater than 15 ppm to 500 ppm sulfur	23	8	392	17	3	443	14
Bonded	—	—	—	—	3	3	0
Other	23	8	392	17	—	440	14
Greater than 500 ppm to 2000 ppm sulfur	883	—	—	—	4	887	29
Bonded	—	—	—	—	—	—	—
Other	883	—	—	—	4	887	29
Greater than 2000 ppm	463	—	405	—	—	868	28
Bonded	—	—	—	—	—	—	—
Other	463	—	405	—	—	868	28
Residual Fuel Oil	3,326	211	1,262	13	706	5,518	178
Less than 0.31 percent sulfur	531	1	281	—	—	813	26
0.31 to 1.00 percent sulfur	779	113	405	—	—	1,297	42
Greater than 1.00 percent sulfur	2,016	97	576	13	706	3,408	110
Petrochemical Feedstocks	8	117	1,330	—	34	1,489	48
Naphtha for Petro. Feed. Use	5	76	545	—	34	660	21
Other Oils for Petro. Feed. Use	3	41	785	—	—	829	27
Special Naphthas	—	24	244	—	—	268	9
Lubricants	115	71	480	—	8	674	22
Waxes	88	—	47	—	44	179	6
Petroleum Coke (Marketable)	30	46	230	—	32	338	11
Asphalt and Road Oil	92	205	—	111	254	662	21
Miscellaneous Products	—	2	—	1	—	3	0
Total	57,286	58,603	139,578	8,444	34,009	297,920	9,610

— = No Data Reported.

1 Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January–December 2012
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil ^{1,2}	318,464	629,914	1,644,048	92,304	423,095	3,107,825	8,491
Natural Gas Plant Liquids and Liquefied Refinery Gases ..	17,811	38,406	11,694	3,409	1,918	73,238	200
Pentanes Plus	185	213	10,282	—	—	10,680	29
Liquefied Petroleum Gases	17,626	38,193	1,412	3,409	1,918	62,558	171
Ethane	—	—	—	—	—	—	—
Ethylene	—	115	—	—	—	115	0
Propane	10,515	23,970	13	3,061	1,578	39,137	107
Propylene	5,364	5,958	161	—	—	11,483	31
Normal Butane	598	3,885	78	255	325	5,141	14
Butylene	—	1,184	1,130	—	7	2,321	6
Isobutane	1,149	3,081	30	93	8	4,361	12
Isobutylene	—	—	—	—	—	—	—
Other Liquids	262,251	1,680	170,815	4	27,024	461,774	1,262
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons ...	11,474	988	639	—	2,603	15,704	43
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	7	—	—	7	0
Methyl Tertiary Butyl Ether (MTBE)	—	—	7	—	—	7	0
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	9,824	205	334	—	2,603	12,966	35
Fuel Ethanol	9,090	—	178	—	2,386	11,654	32
Biomass-Based Diesel Fuel	399	205	156	—	2	762	2
Other Renewable Diesel Fuel	335	—	—	—	215	550	2
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	1,650	783	298	—	—	2,731	7
Unfinished Oils ¹	41,020	—	160,915	—	18,754	220,689	603
Naphthas and Lighter	1,622	—	5,072	—	—	6,694	18
Kerosene and Lighter Gas Oils	3	—	294	—	15	312	1
Heavy Gas Oils	19,433	—	59,376	—	18,739	97,548	267
Residuum	19,962	—	96,173	—	—	116,135	317
Motor Gasoline Blend.Comp. (MGBC)	209,757	692	9,261	4	5,667	225,381	616
Reformulated - RBOB	52,459	—	71	—	330	52,860	144
Conventional	157,298	692	9,190	4	5,337	172,521	471
CBOB	18,059	28	—	—	2,216	20,303	55
GTAB	37,617	—	211	—	13	37,841	103
Other	101,622	664	8,979	4	3,108	114,377	313
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	128,210	10,426	64,896	1,978	29,903	235,413	643
Finished Motor Gasoline	13,317	127	5,516	19	1,251	20,230	55
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	13,317	127	5,516	19	1,251	20,230	55
Conventional Blended with Fuel Ethanol	20	85	—	—	—	105	0
Ed55 and Lower	20	85	—	—	—	105	0
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	13,297	42	5,516	19	1,251	20,125	55
Finished Aviation Gasoline	12	13	—	2	2	29	0
Kerosene-Type Jet Fuel	8,301	—	152	25	11,831	20,309	55
Bonded Aircraft Fuel	1,073	—	—	—	6,390	7,463	20
Other	7,228	—	152	25	5,441	12,846	35
Kerosene	317	1	—	—	146	464	1
Distillate Fuel Oil	37,839	971	3,077	700	3,274	45,861	125
15 ppm sulfur and under	25,184	886	566	196	2,818	29,650	81
Bonded	1	—	—	—	—	1	0
Other	25,183	886	566	196	2,818	29,649	81
Greater than 15 ppm to 500 ppm sulfur	2,247	49	992	504	26	3,818	10
Bonded	—	—	208	—	22	230	1
Other	2,247	49	784	504	4	3,588	10
Greater than 500 ppm to 2000 ppm sulfur	9,945	36	477	—	429	10,887	30
Bonded	—	—	—	—	—	—	—
Other	9,945	36	477	—	429	10,887	30
Greater than 2000 ppm	463	—	1,042	—	1	1,506	4
Bonded	—	—	—	—	—	—	—
Other	463	—	1,042	—	1	1,506	4
Residual Fuel Oil	59,186	2,394	18,857	145	10,497	91,079	249
Less than 0.31 percent sulfur	13,551	102	2,489	—	—	16,142	44
0.31 to 1.00 percent sulfur	6,636	1,159	6,687	6	515	15,003	41
Greater than 1.00 percent sulfur	38,999	1,133	9,681	139	9,982	59,934	164
Petrochemical Feedstocks	685	1,249	23,619	—	482	26,035	71
Naphtha for Petro. Feed. Use	630	746	9,673	—	482	11,531	32
Other Oils for Petro. Feed. Use	55	503	13,946	—	—	14,504	40
Special Naphthas	85	440	3,719	—	—	4,244	12
Lubricants	1,525	1,384	7,545	—	284	10,738	29
Waxes	814	20	277	8	392	1,511	4
Petroleum Coke (Marketable)	894	506	1,935	82	396	3,813	10
Asphalt and Road Oil	5,235	3,278	181	984	1,348	11,026	30
Miscellaneous Products	—	43	18	13	—	74	0
Total	726,736	680,426	1,891,453	97,695	481,940	3,878,250	10,596

— = No Data Reported.

1 Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2012
 (Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	105,724	—	—	1,019	—	—	—	—	1,272	1,272
Algeria	3,315	—	—	986	—	—	—	—	—	—
Angola	3,591	—	—	—	—	—	—	—	—	—
Ecuador	4,646	—	—	—	—	—	—	—	164	164
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	14,313	—	—	—	—	—	—	—	—	—
Kuwait	7,879	—	—	—	—	—	—	—	—	—
Libya	230	—	—	—	—	—	—	—	—	—
Nigeria	7,139	—	—	33	—	—	—	—	524	524
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	31,924	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	32,687	—	—	—	—	—	—	—	584	584
Non-OPEC	129,141	565	5,617	20,711	—	1,981	1,981	5,504	7,906	13,410
Argentina	—	—	—	—	—	—	—	—	82	82
Aruba	—	—	—	—	—	35	35	—	—	—
Australia	494	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	652	—	—	—	—	15	15
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	61	816	—	—	—	147	71	218
Brazil	1,522	—	—	—	—	—	—	—	55	55
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	77,564	11	5,518	642	—	683	683	3,427	2,058	5,485
Chad	2,858	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	10,795	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	508	—	—	—	—	—	—	—	—	—
Equatorial Guinea	1,100	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	237	—	—	—	—	90	90
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	188	—	—	—	555	—	555
Gabon	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	521	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	9	9	—	507	507
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	42	42	—	364	364
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	482	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	29,568	269	38	—	—	—	—	—	541	541
Netherlands	—	—	—	562	—	—	—	398	552	950
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	329	—	—	140	—	225	225	—	394	394
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	55	—	—	—	—	659	659
Russia	745	—	—	14,359	—	—	—	—	333	333
Spain	—	—	—	160	—	75	75	—	516	516
Sweden	—	—	—	—	—	4	4	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	739	—	—	349	—	—	—	—	—	—
United Kingdom	—	—	—	1,203	—	650	650	977	1,214	2,191
Vietnam	463	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1,935	285	0	866	—	258	258	0	455	455
Total	234,865	565	5,617	21,730	—	1,981	1,981	5,504	9,178	14,682
Persian Gulf ³	54,116	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7	-	1,234	68	218	-	3,682	443	887	868	5,880
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	9	-	9
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	7	-	886	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	4	29	3	-	3,399	51	802	162	4,414
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	63	-	63
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	61	61
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	209	-	-	209
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	195	195
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	39	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	283	183	13	301
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	344	0	215	-	0	0	0	0	149
Total	7	-	1,234	68	218	-	3,682	443	887	868	5,880
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	541	57	809	—	—	809
Algeria	—	—	—	—	—	528	—	—	528
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	281	—	—	281
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	20	57	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	521	—	—	—	—	—
Non-OPEC	—	3	—	1,284	211	4	1,297	3,408	4,709
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	234	234
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	158	—	158
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	3	—	32	24	4	227	1,285	1,516
Chad	—	—	—	—	—	—	42	—	42
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	367	527	894
Congo (Brazzaville)	—	—	—	—	—	—	48	—	48
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	50	—	50
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	331	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	317	317
Korea, South	—	—	—	650	110	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	722	722
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	3	3
Spain	—	—	—	—	30	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	320	320
United Kingdom	—	—	—	—	—	—	363	—	363
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	—	271	47	0	42	0	42
Total	—	3	—	1,825	268	813	1,297	3,408	5,518
Persian Gulf ³	—	—	—	20	57	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	13	719	—	29	—	—	—	4,459	110,183	3,410	144	3,554
Algeria	—	716	—	—	—	—	—	2,230	5,545	107	72	179
Angola	—	—	—	—	—	—	—	—	3,591	116	—	116
Ecuador	—	—	—	—	—	—	—	164	4,810	150	5	155
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	14,313	462	—	462
Kuwait	—	—	—	—	—	—	—	—	7,879	254	—	254
Libya	—	—	—	—	—	—	—	281	511	7	9	16
Nigeria	—	—	—	—	—	—	—	557	7,696	230	18	248
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	77	32,001	1,030	2	1,032
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	13	3	—	29	—	—	—	1,150	33,837	1,054	37	1,092
Non-OPEC	647	110	179	309	662	674	3	58,596	187,737	4,166	1,890	6,056
Argentina	38	—	—	230	—	—	—	350	350	—	11	11
Aruba	—	—	—	—	—	—	—	35	35	—	1	1
Australia	—	—	—	—	—	—	—	—	494	16	—	16
Bahamas	—	—	—	—	—	—	—	910	910	—	29	29
Bahrain	—	—	—	—	—	49	—	49	49	—	2	2
Belgium	48	—	—	—	—	20	—	1,163	1,163	—	38	38
Brazil	—	—	—	—	—	—	—	1,106	2,628	49	36	85
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	32	—	—	—	—	—	—	32	32	—	1	1
Canada	84	56	30	78	662	140	3	19,486	97,050	2,502	629	3,131
Chad	—	—	—	—	—	—	—	42	2,900	92	1	94
China	—	—	105	—	—	—	—	106	106	—	3	3
Colombia	—	—	—	—	—	—	—	957	11,752	348	31	379
Congo (Brazzaville)	—	—	—	—	—	—	—	48	48	—	2	2
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	508	16	—	16
Equatorial Guinea	—	—	—	—	—	—	—	—	1,100	35	—	35
Estonia	—	—	—	—	—	—	—	327	327	—	11	11
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	54	—	—	—	5	—	863	863	—	28	28
Gabon	—	—	—	—	—	—	—	50	50	—	2	2
Germany	7	—	—	1	—	16	—	24	24	—	1	1
Guatemala	—	—	—	—	—	—	—	—	521	17	—	17
India	25	—	—	—	—	—	—	872	872	—	28	28
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	7	—	940	940	—	30	30
Korea, South	88	—	—	—	—	380	—	1,228	1,228	—	40	40
Latvia	—	—	—	—	—	—	—	482	482	—	16	16
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	1	—	—	—	—	1	1	—	0	0
Mexico	162	—	—	—	—	3	—	1,930	31,498	954	62	1,016
Netherlands	89	—	—	1	—	23	—	1,625	1,625	—	52	52
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	798	1,127	11	26	36
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	714	714	—	23	23
Russia	—	—	—	—	—	—	—	15,475	16,220	24	499	523
Spain	—	—	—	—	—	—	—	781	781	—	25	25
Sweden	—	—	—	—	—	—	—	4	4	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	669	1,408	24	22	45
United Kingdom	25	—	—	—	—	30	—	4,462	4,462	—	144	144
Vietnam	—	—	—	—	—	—	—	—	463	15	—	15
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	49	0	42	0	0	1	0	3,067	5,002	63	97	161
Total	660	829	179	338	662	674	3	63,055	297,920	7,576	2,034	9,610
Persian Gulf ³	—	—	—	—	—	49	—	126	54,242	1,746	4	1,750

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January–December 2012
 (Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,470,832	2,823	1,490	30,776	—	—	—	—	17,933	17,933
Algeria	43,891	652	1,396	22,274	—	—	—	—	302	302
Angola	80,945	—	94	3,313	—	—	—	—	61	61
Ecuador	63,814	—	—	—	—	—	—	—	1,099	1,099
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	173,317	—	—	—	—	—	—	—	—	—
Kuwait	112,172	—	—	323	—	—	—	—	—	—
Libya	20,358	—	—	622	—	—	—	—	146	146
Nigeria	148,353	1,017	—	1,717	—	—	—	—	9,395	9,395
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	496,285	—	—	249	—	—	—	—	—	—
United Arab Emirates	—	496	—	123	—	—	—	—	—	—
Venezuela	331,697	658	—	2,155	—	—	—	—	6,930	6,930
Non-OPEC	1,636,993	7,857	61,068	189,913	—	20,230	20,230	52,860	154,588	207,448
Argentina	7,700	90	—	31	—	—	—	—	451	451
Aruba	—	—	—	3,494	—	35	35	—	563	563
Australia	2,210	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	1,021	—	50	50	175	387	562
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	22	194	13,395	—	225	225	320	3,879	4,199
Brazil	68,388	—	256	448	—	44	44	71	423	494
Brunei	618	—	—	—	—	—	—	—	—	—
Cameroon	11,296	—	—	855	—	—	—	—	52	52
Canada	881,383	213	58,864	3,114	—	7,444	7,444	27,173	21,995	49,168
Chad	10,410	—	—	—	—	—	—	—	—	—
China	458	—	—	52	—	—	—	—	—	—
Colombia	146,860	—	10	1,659	—	—	—	—	758	758
Congo (Brazzaville)	10,710	—	—	52	—	—	—	—	119	119
Denmark	—	63	—	—	—	—	—	—	182	182
Egypt	11,438	—	—	—	—	—	—	—	—	—
Equatorial Guinea	15,100	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	3,150	—	—	—	—	102	102
Finland	—	—	—	281	—	2	2	955	5,639	6,594
France	—	—	—	2,827	—	24	24	1,406	7,512	8,918
Gabon	15,462	—	—	1	—	—	—	52	227	279
Germany	—	—	—	14	—	—	—	—	605	605
Guatemala	3,970	—	—	—	—	—	—	—	—	—
India	—	—	—	2,626	—	9	9	17	10,858	10,875
Indonesia	2,022	—	—	172	—	—	—	—	—	—
Italy	308	—	11	1,110	—	2,821	2,821	—	6,806	6,806
Korea, South	—	—	54	19	—	98	98	—	1,200	1,200
Latvia	—	—	—	482	—	—	—	—	2,350	2,350
Lithuania	—	—	—	—	—	157	157	32	256	288
Malaysia	—	—	—	—	—	—	—	—	203	203
Mexico	355,690	2,587	442	1,071	—	—	—	—	2,349	2,349
Netherlands	—	121	203	3,758	—	1,172	1,172	3,541	25,031	28,572
Netherlands Antilles	—	—	—	—	—	—	—	—	431	431
Norway	9,373	—	516	5,724	—	1,211	1,211	79	9,467	9,546
Oman	3,610	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	704	—	589	589	—	4,357	4,357
Russia	37,109	—	—	121,770	—	296	296	69	5,003	5,072
Spain	—	—	—	658	—	1,140	1,140	34	12,252	12,286
Sweden	—	—	—	1,550	—	62	62	24	1,364	1,388
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	9,523	—	112	6,065	—	—	—	—	—	—
United Kingdom	6,595	135	—	3,859	—	4,440	4,440	17,761	22,185	39,946
Vietnam	3,594	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	1,151	1,723	2,874
Yemen	—	—	—	—	—	—	—	—	—	—
Other	23,166	4,626	406	9,951	—	411	411	0	5,859	5,859
Total	3,107,825	10,680	62,558	220,689	—	20,230	20,230	52,860	172,521	225,381
Persian Gulf ³	781,774	496	—	695	—	—	—	—	—	—

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January–December 2012
 (Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels			Distillate Fuel Oil					
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	—	—	—	—	—	—	1,910	31	27	—	1,968
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	27	—	27
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	326	—	—	—	326
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	1,584	31	—	—	1,615
Non-OPEC	7	—	11,654	762	550	—	27,740	3,787	10,860	1,506	43,893
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	57	—	—	573	—	—	573
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	9	—	9
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	2	—	—	—	—	237	—	—	237
Brazil	7	—	9,606	—	—	—	—	—	9	—	9
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	121	—	—	—	121
Canada	—	—	4	375	3	—	25,637	1,748	9,219	162	36,766
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	63	63	126
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	115	275	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	61	61
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	118	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	279	—	279
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	809	—	—	809
Korea, South	—	—	—	—	—	—	411	—	67	1	479
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	313	—	313
Mexico	—	—	—	—	—	—	—	—	—	375	375
Netherlands	—	—	95	53	—	—	—	194	—	—	194
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	67	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	566	216	381	690	1,853
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	2	—	2
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	5	5
United Kingdom	—	—	—	—	—	—	—	5	—	—	5
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	217	—	310	—	527
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	1,829	152	215	—	788	5	208	149	1,150
Total	7	—	11,654	762	550	—	29,650	3,818	10,887	1,506	45,861
Persian Gulf ³	—	—	—	—	—	—	326	—	27	—	353

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January–December 2012
 (Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	3,030	552	12,986	1,009	960	14,955
Algeria	—	—	—	—	—	10,579	—	—	10,579
Angola	—	—	—	—	—	—	661	—	661
Ecuador	—	—	—	—	—	—	6	190	196
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	19	204	223
Libya	—	—	—	—	—	1,155	—	—	1,155
Nigeria	—	—	—	—	—	654	—	—	654
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	331	552	—	—	65	65
United Arab Emirates	—	—	—	—	—	598	—	—	598
Venezuela	—	—	—	2,699	—	—	323	501	824
Non-OPEC	464	29	—	17,279	3,692	3,156	13,994	58,974	76,124
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	150	79	2,899	3,128
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	61	231	226	371	828
Brazil	—	—	—	—	134	1	1,339	624	1,964
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	215	29	—	1,059	1,200	255	4,954	17,991	23,200
Chad	—	—	—	—	—	63	531	—	594
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	25	—	76	1,853	6,592	8,521
Congo (Brazzaville)	—	—	—	—	—	299	103	58	460
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	18	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	1,964	1,964
Finland	—	—	—	—	35	—	46	—	46
France	—	—	—	—	57	—	—	400	400
Gabon	—	—	—	—	—	16	168	12	196
Germany	—	—	—	—	46	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	748	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	416	64	317	797
Korea, South	—	—	—	12,262	1,460	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	310	—	—	—	—	—
Mexico	—	—	—	—	—	—	53	11,852	11,905
Netherlands	—	—	—	—	186	309	715	43	1,067
Netherlands Antilles	—	—	—	—	—	—	12	—	12
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	215	1,145	4,638	5,998
Spain	—	—	—	—	173	—	82	—	82
Sweden	—	—	—	—	—	—	—	717	717
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	305	8,237	8,542
United Kingdom	—	—	—	—	—	—	1,130	83	1,213
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	103	—	—	5	—	—	60	49	109
Yemen	—	—	—	—	—	—	—	—	—
Other	146	0	—	2,852	340	1,125	1,129	2,127	4,381
Total	464	29	—	20,309	4,244	16,142	15,003	59,934	91,079
Persian Gulf ³	—	—	—	331	552	598	19	269	886

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January–December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average			
	Naphtha	Other Oils								Crude Oil	Products	Total	
OPEC	1,099	9,549	—	414	73	1,815	—	86,759	1,557,591	4,019	237	4,256	
Algeria	—	9,493	—	—	—	—	—	44,696	88,587	120	122	242	
Angola	—	—	—	—	—	—	—	4,129	85,074	221	11	232	
Ecuador	—	—	—	—	—	—	—	1,295	65,109	174	4	178	
Iran	—	—	—	—	—	—	—	—	—	—	—	—	
Iraq	—	—	—	—	—	—	—	—	173,317	474	—	474	
Kuwait	—	—	—	121	—	—	—	694	112,866	306	2	308	
Libya	—	—	—	—	—	—	—	1,923	22,281	56	5	61	
Nigeria	268	—	—	—	—	—	—	13,076	161,429	405	36	441	
Qatar	—	—	—	—	—	1,499	—	—	1,825	—	5	5	
Saudi Arabia	55	—	—	—	—	33	—	—	1,285	497,570	1,356	4	1,359
United Arab Emirates	—	—	—	—	—	—	—	1,217	1,217	—	3	3	
Venezuela	776	56	—	293	73	283	—	16,619	348,316	906	45	952	
Non-OPEC	10,432	4,955	1,511	3,399	10,953	8,923	74	683,666	2,320,659	4,473	1,868	6,341	
Argentina	158	267	1	873	—	12	—	1,884	9,584	21	5	26	
Aruba	—	—	—	—	—	59	—	5,063	5,063	—	14	14	
Australia	—	—	—	—	—	—	—	—	2,210	6	—	6	
Bahamas	—	—	—	—	—	—	—	4,770	4,770	—	13	13	
Bahrain	—	—	—	—	—	603	—	603	603	—	2	2	
Belgium	311	—	—	—	2	75	—	19,552	19,552	—	53	53	
Brazil	447	—	1	172	—	86	—	13,668	82,056	187	37	224	
Brunei	—	—	—	—	—	—	—	—	618	2	—	2	
Cameroon	32	—	—	—	—	—	—	—	1,060	12,356	31	3	34
Canada	1,548	1,353	375	1,156	10,764	2,297	72	200,002	1,081,385	2,408	546	2,955	
Chad	—	—	—	—	—	—	—	594	11,004	28	2	30	
China	—	—	604	6	—	—	—	668	1,126	1	2	3	
Colombia	—	—	—	—	—	7	—	11,106	157,966	401	30	432	
Congo (Brazzaville)	—	—	—	—	—	—	—	631	11,341	29	2	31	
Denmark	—	—	—	—	—	—	—	245	245	—	1	1	
Egypt	—	—	—	—	—	—	—	18	11,456	31	0	31	
Equatorial Guinea	—	—	—	—	—	—	—	—	15,100	41	—	41	
Estonia	—	—	—	—	—	—	—	—	5,216	5,216	—	14	14
Finland	—	—	—	—	—	—	—	—	7,348	7,348	—	20	20
France	139	305	14	—	—	113	—	12,858	12,858	—	35	35	
Gabon	—	—	—	—	72	—	—	548	16,010	42	1	44	
Germany	43	—	28	151	—	136	—	1,099	1,099	—	3	3	
Guatemala	—	—	—	—	—	—	—	118	4,088	11	0	11	
India	81	—	—	—	—	—	—	14,618	14,618	—	40	40	
Indonesia	—	—	1	—	—	347	—	520	2,542	6	1	7	
Italy	89	—	27	—	—	82	—	12,699	13,007	1	35	36	
Korea, South	1,737	—	—	—	—	4,225	—	21,534	21,534	—	59	59	
Latvia	—	—	—	—	—	—	—	—	2,832	2,832	—	8	8
Lithuania	—	—	—	—	—	—	—	445	445	—	1	1	
Malaysia	—	—	121	—	—	12	—	959	959	—	3	3	
Mexico	2,758	—	—	170	—	3	—	21,660	377,350	972	59	1,031	
Netherlands	482	18	13	—	—	129	—	36,294	36,294	—	99	99	
Netherlands Antilles	—	—	—	—	—	—	—	443	443	—	1	1	
Norway	494	623	—	—	—	—	—	18,181	27,554	26	50	75	
Oman	—	—	—	—	—	—	—	—	3,610	10	—	10	
Portugal	—	—	—	—	—	47	—	5,697	5,697	—	16	16	
Russia	401	2,069	—	—	—	87	—	137,574	174,683	101	376	477	
Spain	2	—	—	250	106	47	—	15,298	15,298	—	42	42	
Sweden	—	—	—	—	—	—	—	3,719	3,719	—	10	10	
Syria	—	—	—	—	—	—	—	—	—	—	—	—	
Trinidad and Tobago	—	—	—	—	—	—	—	14,724	24,247	26	40	66	
United Kingdom	267	—	30	34	—	169	1	50,099	56,694	18	137	155	
Vietnam	—	—	—	—	—	—	—	—	3,594	10	—	10	
Virgin Islands, U.S.	—	—	—	478	—	—	—	—	4,362	4,362	—	12	12
Yemen	—	—	—	—	—	—	—	—	—	—	—	—	
Other	1,443	320	296	109	9	387	1	34,957	58,123	64	96	158	
Total	11,531	14,504	1,511	3,813	11,026	10,738	74	770,425	3,878,250	8,491	2,105	10,596	
Persian Gulf ³	55	—	—	121	—	2,135	—	5,624	787,398	2,136	15	2,151	

— = No Data Reported.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	11,236	-	-	33	-	-	-	-	1,272	1,272
Algeria	3,315	-	-	-	-	-	-	-	-	-
Angola	1,428	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	164	164
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	329	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	230	-	-	-	-	-	-	-	-	-
Nigeria	2,853	-	-	33	-	-	-	-	524	524
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	2,079	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	1,002	-	-	-	-	-	-	-	584	584
Non-OPEC	14,138	-	1,933	4,855	-	1,437	1,437	5,504	7,093	12,597
Argentina	-	-	-	-	-	-	-	-	82	82
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	15	15
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	147	-	147
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	8,323	-	1,933	-	-	527	527	3,427	1,754	5,181
Chad	1,905	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,433	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	1,100	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	90	90
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	555	-	555
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	507	507
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	364	364
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	482	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	541	541
Netherlands	-	-	-	-	-	-	-	398	552	950
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	329	-	-	-	-	225	225	-	394	394
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	55	-	-	-	-	659	659
Russia	-	-	-	3,009	-	-	-	-	333	333
Spain	-	-	-	-	-	-	-	-	516	516
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	349	-	-	-	-	-	-
United Kingdom	-	-	-	566	-	650	650	977	1,192	2,169
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,048	-	0	394	-	35	35	0	94	94
Total	25,374	-	1,933	4,888	-	1,437	1,437	5,504	8,365	13,869
Persian Gulf ³	2,408	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	730	66	3	—	3,195	23	883	463	4,564
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	9	—	9
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	541	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	4	27	3	—	3,195	23	798	162	4,178
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	63	—	63
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	39	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	13	301	314
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	0	0	0
Other	—	—	185	0	0	—	0	0	0	0	0
Total	—	—	730	66	3	—	3,195	23	883	463	4,564
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	-	-	-	414	-	528	-	-	528
Algeria	-	-	-	-	-	528	-	-	528
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	20	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	394	-	-	-	-	-
Non-OPEC	-	1	-	348	-	3	779	2,016	2,798
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	4	4
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	110	-	110
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	1	-	17	-	3	91	1,162	1,256
Chad	-	-	-	-	-	-	40	-	40
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	271	527	798
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	30	-	30
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	331	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	3	3
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	320	320
United Kingdom	-	-	-	-	-	-	213	-	213
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	0	24	0	24
Total	-	1	-	762	-	531	779	2,016	3,326
Persian Gulf³	-	-	-	20	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average			
	Naphtha	Other Oils								Crude Oil	Products	Total	
OPEC	-	-	-	29	-	-	-	2,276	13,512	362	73	436	
Algeria	-	-	-	-	-	-	-	528	3,843	107	17	124	
Angola	-	-	-	-	-	-	-	-	1,428	46	-	46	
Ecuador	-	-	-	-	-	-	-	164	164	-	5	5	
Iran	-	-	-	-	-	-	-	-	-	-	-	-	
Iraq	-	-	-	-	-	-	-	-	329	11	-	11	
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	
Libya	-	-	-	-	-	-	-	-	230	7	-	7	
Nigeria	-	-	-	-	-	-	-	557	3,410	92	18	110	
Qatar	-	-	-	-	-	-	-	-	-	-	-	-	
Saudi Arabia	-	-	-	-	-	-	-	20	2,099	67	1	68	
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-	
Venezuela	-	-	-	29	-	-	-	1,007	2,009	32	32	65	
Non-OPEC	5	3	88	1	92	115	-	29,636	43,774	456	956	1,412	
Argentina	-	-	-	-	-	-	-	82	82	-	3	3	
Aruba	-	-	-	-	-	-	-	35	35	-	1	1	
Australia	-	-	-	-	-	-	-	-	-	-	-	-	
Bahamas	-	-	-	-	-	-	-	28	28	-	1	1	
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-	
Belgium	-	-	-	-	-	-	1	-	148	148	-	5	5
Brazil	-	-	-	-	-	-	-	651	651	-	21	21	
Brunei	-	-	-	-	-	-	-	-	-	-	-	-	
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-	
Canada	5	3	30	1	92	64	-	13,322	21,645	268	430	698	
Chad	-	-	-	-	-	-	-	40	1,945	61	1	63	
China	-	-	48	-	-	-	-	48	48	-	2	2	
Colombia	-	-	-	-	-	-	-	861	2,294	46	28	74	
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-	
Denmark	-	-	-	-	-	-	-	-	-	-	-	-	
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	
Equatorial Guinea	-	-	-	-	-	-	-	-	1,100	35	-	35	
Estonia	-	-	-	-	-	-	-	90	90	-	3	3	
Finland	-	-	-	-	-	-	-	-	-	-	-	-	
France	-	-	-	-	-	4	-	559	559	-	18	18	
Gabon	-	-	-	-	-	-	-	30	30	-	1	1	
Germany	-	-	-	-	-	12	-	12	12	-	0	0	
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-	
India	-	-	-	-	-	-	-	838	838	-	27	27	
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-	
Italy	-	-	-	-	-	2	-	366	366	-	12	12	
Korea, South	-	-	-	-	-	28	-	28	28	-	1	1	
Latvia	-	-	-	-	-	-	-	482	482	-	16	16	
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-	
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-	
Mexico	-	-	-	-	-	3	-	544	544	-	18	18	
Netherlands	-	-	1	-	-	-	-	951	951	-	31	31	
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-	
Norway	-	-	-	-	-	-	-	658	987	11	21	32	
Oman	-	-	-	-	-	-	-	-	-	-	-	-	
Portugal	-	-	-	-	-	-	-	714	714	-	23	23	
Russia	-	-	-	-	-	-	-	3,659	3,659	-	118	118	
Spain	-	-	-	-	-	-	-	516	516	-	17	17	
Sweden	-	-	-	-	-	-	-	-	-	-	-	-	
Syria	-	-	-	-	-	-	-	-	-	-	-	-	
Trinidad and Tobago	-	-	-	-	-	-	-	669	669	-	22	22	
United Kingdom	-	-	-	-	-	1	-	3,599	3,599	-	116	116	
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-	
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-	
Yemen	-	-	-	-	-	-	-	-	-	-	-	-	
Other	0	0	9	0	0	0	-	706	1,754	35	20	54	
Total	5	3	88	30	92	115	-	31,912	57,286	819	1,029	1,848	
Persian Gulf ³	-	-	-	-	-	-	-	20	2,428	78	1	78	

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	811	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	811	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	53,783	11	2,957	-	-	43	43	-	70	70
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	53,783	11	2,957	-	-	43	43	-	70	70
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	0	0	-	0	0
Total	54,594	11	2,957	-	-	43	43	-	70	70
Persian Gulf ³	811	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels			Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	1	-	-	173	8	-	181
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	1	-	-	173	8	-	181
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	0	-	-	0	0	-	0
Other	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	1	-	-	173	8	-	181
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1	-	-	24	1	113	97	211
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	1	-	-	24	1	113	97	211
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	0	0	0	0	0
Other	-	0	-	-	0	0	0	0	0
Total	-	1	-	-	24	1	113	97	211
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	811	26	—	26
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	811	26	—	26
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	76	41	—	46	205	71	2	4,009	57,792	1,735	129	1,864
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	76	41	—	45	205	71	2	4,008	57,791	1,735	129	1,864
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	1	—	—	—	1	1	—	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	0	0	0	0	0	0	0	0
Total	76	41	—	46	205	71	2	4,009	58,603	1,761	129	1,890
Persian Gulf ³	—	—	—	—	—	—	—	—	811	26	—	26

— = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	74,972	—	—	646	—	—	—	—	—	—
Algeria	—	—	—	646	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Ecuador	325	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	7,994	—	—	—	—	—	—	—	—	—
Kuwait	6,833	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	3,365	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	25,037	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	31,418	—	—	—	—	—	—	—	—	—
Non-OPEC	43,716	554	99	13,846	—	384	384	—	509	509
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	494	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	61	816	—	—	—	—	71	71
Brazil	1,522	—	—	—	—	—	—	—	55	55
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	1,582	—	—	642	—	—	—	—	—	—
Chad	953	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	7,762	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	508	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	188	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	521	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	9	9	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	42	42	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	29,568	269	38	—	—	—	—	—	—	—
Netherlands	—	—	—	424	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	140	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	10,367	—	—	—	—	—	—
Spain	—	—	—	160	—	75	75	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	739	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	637	—	—	—	—	22	22
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	67	285	0	472	—	258	258	—	361	361
Total	118,688	554	99	14,492	—	384	384	—	509	509
Persian Gulf ³	39,864	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7	-	-	-	-	-	283	392	-	405	1,080
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	7	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	61	61
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	209	-	-	209
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	195	195	195
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	283	183	-	-	466
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	0	0	-	-	-
Other	0	-	-	-	-	-	-	-	-	149	149
Total	7	-	-	-	-	-	283	392	-	405	1,080
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	-	-	-	127	57	281	-	-	281
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	281	-	-	281
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	57	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	127	-	-	-	-	-
Non-OPEC	-	-	-	-	187	-	405	576	981
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	48	-	48
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	23	-	23
Chad	-	-	-	-	-	-	2	-	2
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	96	-	96
Congo (Brazzaville)	-	-	-	-	-	-	48	-	48
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	20	-	20
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	317	317
Korea, South	-	-	-	-	110	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	259	259
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	30	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	150	-	150
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	0	47	0	18	0
Other	-	-	-	-	127	244	281	405	576
Total	-	-	-	-	127	244	281	405	576
Persian Gulf³	-	-	-	-	-	57	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	13	719	—	—	—	—	—	1,843	76,815	2,418	59	2,478
Algeria	—	716	—	—	—	—	—	1,362	1,362	—	44	44
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	325	10	—	10
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	7,994	258	—	258
Kuwait	—	—	—	—	—	—	—	—	6,833	220	—	220
Libya	—	—	—	—	—	—	—	281	281	—	9	9
Nigeria	—	—	—	—	—	—	—	—	3,365	109	—	109
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	57	25,094	808	2	809
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	13	3	—	—	—	—	—	143	31,561	1,013	5	1,018
Non-OPEC	532	66	47	230	—	480	—	19,047	62,763	1,410	614	2,025
Argentina	38	—	—	230	—	—	268	268	—	9	9	9
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	494	16	—	16
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	49	—	49	49	—	2	2
Belgium	48	—	—	—	—	19	—	1,015	1,015	—	33	33
Brazil	—	—	—	—	—	—	110	1,632	49	4	53	53
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	32	—	—	—	—	—	32	32	—	1	1	1
Canada	3	12	—	—	—	—	680	2,262	51	22	73	73
Chad	—	—	—	—	—	—	2	955	31	0	31	31
China	—	—	46	—	—	—	47	47	—	2	2	2
Colombia	—	—	—	—	—	—	96	7,858	250	3	253	253
Congo (Brazzaville)	—	—	—	—	—	—	48	48	—	2	2	2
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	508	16	—	16	16
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	54	—	—	—	1	—	304	304	—	10	10
Gabon	—	—	—	—	—	—	20	20	—	1	1	1
Germany	7	—	—	—	—	4	—	11	11	—	0	0
Guatemala	—	—	—	—	—	—	—	521	17	—	17	17
India	25	—	—	—	—	—	34	34	—	1	1	1
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	5	—	574	574	—	19	19
Korea, South	54	—	—	—	—	350	—	514	514	—	17	17
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	1	—	—	—	1	1	—	0	0	0
Mexico	162	—	—	—	—	—	—	923	30,491	954	30	984
Netherlands	89	—	—	—	—	23	—	536	536	—	17	17
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	140	140	—	5	5
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	10,833	10,833	—	349	349
Spain	—	—	—	—	—	—	—	265	265	—	9	9
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	739	24	—	24
United Kingdom	25	—	—	—	—	29	—	863	863	—	28	28
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	49	0	0	0	—	0	—	1,682	1,749	2	50	53
Total	545	785	47	230	—	480	—	20,890	139,578	3,829	674	4,503
Persian Gulf ³	—	—	—	—	—	49	—	106	39,970	1,286	3	1,289

— = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	7,820	—	433	—	—	13	13	—	4	4
Canada	7,820	—	433	—	—	13	13	—	4	4
Other	0	—	0	—	—	0	0	—	0	0
Total	7,820	—	433	—	—	13	13	—	4	4
PAD District 5										
OPEC	18,705	—	—	340	—	—	—	—	—	—
Algeria	—	—	—	340	—	—	—	—	—	—
Angola	2,163	—	—	—	—	—	—	—	—	—
Ecuador	4,321	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	5,990	—	—	—	—	—	—	—	—	—
Kuwait	1,046	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	921	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	3,997	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	267	—	—	—	—	—	—	—	—	—
Non-OPEC	9,684	—	195	2,010	—	104	104	—	230	230
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	6,056	—	195	—	—	100	100	—	230	230
China	—	—	—	—	—	—	—	—	—	—
Colombia	1,600	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	138	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	4	4	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—
Vietnam	463	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	1,565	—	0	1,872	—	0	0	—	0	0
Total	28,389	—	195	2,350	—	104	104	—	230	230
Persian Gulf³	11,033	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels			Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	31	17	-	48
Canada	-	-	-	-	-	-	31	17	-	48
Other	-	-	-	-	-	-	0	0	-	0
Total	-	-	-	-	-	-	31	17	-	48
PAD District 5										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	504	1	215	-	-	3	4	-
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	345	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	1	-	-	-	3	4	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	-	-	159	0	215	-	-	0	0	-
Total	-	-	504	1	215	-	-	3	4	-
Persian Gulf³	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 4									
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	1	—	—	—	—	—	13	13
Canada	—	1	—	—	—	—	—	13	13
Other	—	0	—	—	—	—	—	0	0
Total	—	1	—	—	—	—	—	13	13
PAD District 5									
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	936	—	—	—	706	706
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Canada	—	—	—	15	—	—	—	13	13
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	650	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	463	463
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	271	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	—	—	—	230	230
Total	—	—	—	936	—	—	—	706	706
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
PAD District 4												
OPEC	—	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	111	—	1	624	8,444	252	20	272
Canada	—	—	—	—	111	—	1	624	8,444	252	20	272
Other	—	—	—	—	0	—	0	0	0	0	0	0
Total	—	—	—	—	111	—	1	624	8,444	252	20	272
PAD District 5												
OPEC	—	—	—	—	—	—	—	340	19,045	603	11	614
Algeria	—	—	—	—	—	—	—	340	340	—	11	11
Angola	—	—	—	—	—	—	—	—	2,163	70	—	70
Ecuador	—	—	—	—	—	—	—	—	4,321	139	—	139
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	5,990	193	—	193
Kuwait	—	—	—	—	—	—	—	—	1,046	34	—	34
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	921	30	—	30
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	3,997	129	—	129
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	267	9	—	9
Non-OPEC	34	—	44	32	254	8	—	5,280	14,964	312	170	483
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	345	345	—	11	11
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	32	254	5	—	852	6,908	195	27	223
China	—	—	11	—	—	—	—	11	11	—	0	0
Colombia	—	—	—	—	—	—	—	—	1,600	52	—	52
Finland	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	33	—	—	1	—	34	34	—	1	1
Korea, South	34	—	—	—	—	2	—	686	686	—	22	22
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	463	463	—	15	15
Netherlands	—	—	—	—	—	—	—	138	138	—	4	4
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	215	215	—	7	7
Sweden	—	—	—	—	—	—	—	4	4	—	0	0
Taiwan	—	—	—	—	—	—	—	271	271	—	9	9
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	463	15	—	15
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	0	0	—	2,261	3,826	50	74	124
Total	34	—	44	32	254	8	—	5,620	34,009	916	181	1,097
Persian Gulf³	—	—	—	—	—	—	—	—	11,033	356	—	356

— = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousands Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	176,626	185	1,396	2,847	-	-	-	-	17,200	17,200
Algeria	16,009	-	1,396	878	-	-	-	-	302	302
Angola	30,771	-	-	-	-	-	-	-	61	61
Ecuador	714	-	-	-	-	-	-	-	1,099	1,099
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	17,247	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	11,638	-	-	-	-	-	-	-	146	146
Nigeria	60,588	185	-	741	-	-	-	-	9,164	9,164
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	30,789	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	8,870	-	-	1,228	-	-	-	-	6,428	6,428
Non-OPEC	141,838	-	16,230	38,173	-	13,317	13,317	52,459	140,098	192,557
Argentina	-	-	-	-	-	-	-	-	451	451
Aruba	-	-	-	763	-	35	35	-	372	372
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	175	387	562
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	211	211	320	-	3,800	4,120
Brazil	5,025	-	-	118	-	-	-	-	43	43
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	10,896	-	-	286	-	-	-	-	52	52
Canada	71,301	-	15,703	500	-	6,538	6,538	27,173	17,662	44,835
Chad	2,858	-	-	-	-	-	-	-	-	-
China	-	-	-	16	-	-	-	-	-	-
Colombia	10,333	-	-	667	-	-	-	-	658	658
Congo (Brazzaville)	8,369	-	-	-	-	-	-	-	119	119
Denmark	-	-	-	-	-	-	-	-	159	159
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	7,206	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	2,482	-	-	-	-	102	102
Finland	-	-	-	181	-	2	2	955	5,639	6,594
France	-	-	-	787	-	-	-	1,406	7,438	8,844
Gabon	5,990	-	-	-	-	-	-	52	59	111
Germany	-	-	-	-	-	-	-	-	605	605
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	876	-	-	-	17	9,344	9,361
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	11	-	-	-	-	-	6,268	6,268
Korea, South	-	-	-	-	-	-	-	-	353	353
Latvia	-	-	-	482	-	-	-	-	2,350	2,350
Lithuania	-	-	-	-	157	157	32	-	256	288
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	623	-	-	-	-	-	-	-	1,276	1,276
Netherlands	-	-	-	789	-	860	860	3,541	24,418	27,959
Netherlands Antilles	-	-	-	-	-	-	-	-	431	431
Norway	8,191	-	516	-	-	1,211	1,211	79	9,106	9,185
Oman	150	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	259	-	-	-	-	4,357	4,357
Russia	1,392	-	-	22,385	-	296	296	69	4,814	4,883
Spain	-	-	-	368	-	369	369	34	11,660	11,694
Sweden	-	-	-	734	-	-	-	24	1,364	1,388
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	699	-	-	-	-	-	-
United Kingdom	2,037	-	-	1,186	-	3,612	3,612	17,431	21,577	39,008
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	1,151	1,062	2,213
Yemen	-	-	-	-	-	-	-	-	-	-
Other	7,467	0	0	4,595	-	26	26	0	3,916	3,916
Total	318,464	185	17,626	41,020	-	13,317	13,317	52,459	157,298	209,757
Persian Gulf ³	48,036	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels			Distillate Fuel Oil					
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	-	-	-	-	-	-	1,910	31	27	-	1,968
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	27	-	27
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	326	-	-	-	326
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	1,584	31	-	-	1,615
Non-OPEC	-	-	9,090	399	335	-	23,274	2,216	9,918	463	35,871
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	57	-	-	573	-	-	573
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	9	-	9
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	2	-	-	-	-	237	-	-	237
Brazil	-	-	7,879	-	-	-	-	-	9	-	9
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	121	-	-	-	121
Canada	-	-	4	84	3	-	22,936	1,169	9,060	162	33,327
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	63	-	63
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	115	275	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	95	-	-	-	-	194	-	-	194
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	67	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	33	381	301	-	715
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	2	-	2
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	5	-	-	5
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	217	-	310	-	527
Yemen	-	-	1,110	133	0	-	0	5	84	0	89
Total	-	-	9,090	399	335	-	25,184	2,247	9,945	463	37,839
Persian Gulf ³	-	-	-	-	-	-	326	-	27	-	353

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	-	-	-	2,896	-	11,500	19	291	11,810
Algeria	-	-	-	-	-	10,579	-	-	10,579
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	19	204	223
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	323	-	-	323
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	331	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	598	-	-	598
Venezuela	-	-	-	2,565	-	-	-	87	87
Non-OPEC	317	12	-	5,405	85	2,051	6,617	38,708	47,376
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	150	60	1,701	1,911
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	1	770	624	1,395
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	214	12	-	894	10	153	2,898	14,984	18,035
Chad	-	-	-	-	-	63	206	-	269
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	76	1,228	6,408	7,712
Congo (Brazzaville)	-	-	-	-	-	299	55	33	387
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	1,872	1,872
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	16	50	12	78
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	748	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	2,999	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	973	973
Netherlands	-	-	-	-	50	168	429	43	640
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	40	2,591	2,631
Spain	-	-	-	-	25	-	-	-	-
Sweden	-	-	-	-	-	-	-	717	717
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	198	8,202	8,400
United Kingdom	-	-	-	-	-	-	213	-	213
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	103	-	-	5	-	-	60	49	109
Yemen	-	-	-	-	-	-	-	-	-
Other	0	0	-	759	0	1,125	410	499	2,034
Total	317	12	-	8,301	85	13,551	6,636	38,999	59,186
Persian Gulf ³	-	-	-	331	-	598	19	204	821

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	593	-	-	224	41	-	-	39,442	216,068	483	108	590
Algeria	-	-	-	-	-	-	-	13,155	29,164	44	36	80
Angola	-	-	-	-	-	-	-	61	30,832	84	0	84
Ecuador	-	-	-	-	-	-	-	1,099	1,813	2	3	5
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	17,247	47	-	47
Kuwait	-	-	-	-	-	-	-	250	250	-	1	1
Libya	-	-	-	-	-	-	-	146	11,784	32	0	32
Nigeria	268	-	-	-	-	-	-	10,706	71,294	166	29	195
Qatar	-	-	-	-	-	-	-	326	326	-	1	1
Saudi Arabia	-	-	-	-	-	-	-	331	31,120	84	1	85
United Arab Emirates	-	-	-	-	-	-	-	598	598	-	2	2
Venezuela	325	-	-	224	41	-	-	12,770	21,640	24	35	59
Non-OPEC	37	55	814	670	5,194	1,525	-	368,830	510,668	388	1,008	1,395
Argentina	-	-	1	-	-	-	-	452	452	-	1	1
Aruba	-	-	-	-	-	-	-	2,082	2,082	-	6	6
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	2,482	2,482	-	7	7
Bahrain	-	-	-	-	-	37	-	37	37	-	0	0
Belgium	-	-	-	-	2	10	-	4,583	4,583	-	13	13
Brazil	-	-	1	-	-	41	-	9,486	14,511	14	26	40
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	459	11,355	30	1	31
Canada	37	55	347	14	5,086	828	-	126,526	197,827	195	346	541
Chad	-	-	-	-	-	-	-	269	3,127	8	1	9
China	-	-	170	6	-	-	-	192	192	-	1	1
Colombia	-	-	-	-	-	-	-	9,100	19,433	28	25	53
Congo (Brazzaville)	-	-	-	-	-	-	-	506	8,875	23	1	24
Denmark	-	-	-	-	-	-	-	159	159	-	0	0
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	7,206	20	-	20
Estonia	-	-	-	-	-	-	-	4,456	4,456	-	12	12
Finland	-	-	-	-	-	-	-	7,167	7,167	-	20	20
France	-	-	14	-	-	83	-	9,728	9,728	-	27	27
Gabon	-	-	-	-	-	-	-	189	6,179	16	1	17
Germany	-	-	26	-	-	106	-	738	738	-	2	2
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	10,985	10,985	-	30	30
Indonesia	-	-	1	-	-	-	-	1	1	-	0	0
Italy	-	-	27	-	-	11	-	6,330	6,330	-	17	17
Korea, South	-	-	-	-	-	268	-	3,620	3,620	-	10	10
Latvia	-	-	-	-	-	-	-	2,832	2,832	-	8	8
Lithuania	-	-	-	-	-	-	-	445	445	-	1	1
Malaysia	-	-	3	-	-	-	-	3	3	-	0	0
Mexico	-	-	-	170	-	3	-	2,422	3,045	2	7	8
Netherlands	-	-	13	-	-	29	-	30,854	30,854	-	84	84
Netherlands Antilles	-	-	-	-	-	-	-	431	431	-	1	1
Norway	-	-	-	-	-	-	-	10,979	19,170	22	30	52
Oman	-	-	-	-	-	-	-	-	150	0	-	0
Portugal	-	-	-	-	-	-	-	4,616	4,616	-	13	13
Russia	-	-	-	-	-	-	-	30,930	32,322	4	85	88
Spain	-	-	-	-	106	-	-	13,116	13,116	-	36	36
Sweden	-	-	-	-	-	-	-	2,841	2,841	-	8	8
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	9,099	9,099	-	25	25
United Kingdom	-	-	30	2	-	3	-	44,059	46,096	6	120	126
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	478	-	-	-	3,701	3,701	-	10	10
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	181	0	0	106	-	12,955	20,422	20	33	54
Total	630	55	814	894	5,235	1,525	-	408,272	726,736	870	1,115	1,986
Persian Gulf³	-	-	-	-	-	37	-	1,542	49,578	131	4	135

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousands Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	15,713	-	-	-	-	-	-	-	-	-
Algeria	4,074	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	11,397	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	242	-	-	-	-	-	-	-	-	-
Non-OPEC	614,201	213	38,193	-	-	127	127	-	692	692
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	525	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	613,676	213	38,193	-	-	127	127	-	692	692
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	0	0	-	0	0
Total	629,914	213	38,193	-	-	127	127	-	692	692
Persian Gulf ³	11,397	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousands Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels			Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	205	-	-	886	49	36	971
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	205	-	-	886	49	36	971
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	0	-	-	0	0	0	0
Other	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	205	-	-	886	49	36	971
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousands Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	1	13	-	-	440	102	1,159	1,133	2,394
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	1	13	-	-	440	102	1,159	1,133	2,394
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	0	0	0	0	0
Total	1	13	-	-	440	102	1,159	1,133	2,394
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Daily Average			
	Naphtha	Other Oils							Crude Oil	Products	Total	
OPEC	-	-	-	-	-	-	-	-	15,713	43	-	43
Algeria	-	-	-	-	-	-	-	-	4,074	11	-	11
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	11,397	31	-	31
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	242	1	-	1
Non-OPEC	746	503	20	506	3,278	1,384	43	50,512	664,713	1,678	138	1,816
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	525	1	-	1
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	746	503	20	484	3,197	1,384	43	50,409	664,085	1,677	138	1,814
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	72	-	-	72	72	-	0	0
Germany	-	-	-	22	-	-	-	22	22	-	0	0
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	9	0	0	9	9	0	0	1
Total	746	503	20	506	3,278	1,384	43	50,512	680,426	1,721	138	1,859
Persian Gulf ³	-	-	-	-	-	-	-	-	11,397	31	-	31

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,035,579	2,638	94	21,834	—	—	—	—	733	733
Algeria	20,571	652	—	15,397	—	—	—	—	—	—
Angola	27,037	—	94	3,313	—	—	—	—	—	—
Ecuador	8,255	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	103,203	—	—	—	—	—	—	—	—	—
Kuwait	107,163	—	—	323	—	—	—	—	—	—
Libya	3,644	—	—	526	—	—	—	—	—	—
Nigeria	84,346	832	—	976	—	—	—	—	231	231
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	361,145	—	—	249	—	—	—	—	—	—
United Arab Emirates	—	496	—	123	—	—	—	—	—	—
Venezuela	320,215	658	—	927	—	—	—	—	502	502
Non-OPEC	608,469	7,644	1,318	139,081	—	5,516	5,516	71	8,457	8,528
Argentina	—	90	—	31	—	—	—	—	—	—
Aruba	—	—	—	1,357	—	—	—	—	191	191
Australia	1,034	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	369	—	50	50	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	22	194	12,721	—	—	—	—	79	79
Brazil	51,783	—	256	330	—	44	44	71	380	451
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	400	—	—	569	—	—	—	—	—	—
Canada	35,489	—	27	2,599	—	—	—	—	653	653
Chad	7,552	—	—	—	—	—	—	—	—	—
China	—	—	—	36	—	—	—	—	—	—
Colombia	101,158	—	—	992	—	—	—	—	100	100
Congo (Brazzaville)	723	—	—	52	—	—	—	—	—	—
Denmark	—	63	—	—	—	—	—	—	23	23
Egypt	11,438	—	—	—	—	—	—	—	—	—
Equatorial Guinea	5,969	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	431	—	—	—	—	—	—
Finland	—	—	—	42	—	—	—	—	—	—
France	—	—	—	1,791	—	—	—	—	74	74
Gabon	7,949	—	—	1	—	—	—	—	168	168
Germany	—	—	—	14	—	—	—	—	—	—
Guatemala	3,970	—	—	—	—	—	—	—	—	—
India	—	—	—	547	—	9	9	—	1,204	1,204
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	672	—	2,821	2,821	—	538	538
Korea, South	—	—	—	19	—	—	—	—	440	440
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	355,067	2,587	442	1,071	—	—	—	—	1,073	1,073
Netherlands	—	121	203	2,493	—	312	312	—	406	406
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	1,182	—	—	5,724	—	—	—	—	39	39
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	170	—	567	567	—	—	—
Russia	5,735	—	—	94,627	—	—	—	—	189	189
Spain	—	—	—	288	—	500	500	—	592	592
Sweden	—	—	—	621	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	8,804	—	—	3,966	—	—	—	—	—	—
United Kingdom	4,558	135	—	2,621	—	828	828	—	270	270
Vietnam	438	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	661	661
Yemen	—	—	—	—	—	—	—	—	—	—
Other	5,220	4,626	196	4,927	—	385	385	0	1,377	1,377
Total	1,644,048	10,282	1,412	160,915	—	5,516	5,516	71	9,190	9,261
Persian Gulf ³	571,511	496	—	695	—	—	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels			Distillate Fuel Oil					
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7	-	178	156	-	-	566	992	477	1,042	3,077
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	7	-	118	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	84	-	-	-	-	74	-	74
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	63	63
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	61	61
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	279	-	279
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	809	-	-	809
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	375	375
Netherlands	-	-	-	53	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	566	183	-	389	1,138
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	5	5
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	60	19	-	-	0	0	124	149	273
Total	7	-	178	156	-	-	566	992	477	1,042	3,077
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	-	-	-	127	552	1,486	990	479	2,955
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	661	-	661
Ecuador	-	-	-	-	-	-	6	-	6
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	1,155	-	-	1,155
Nigeria	-	-	-	-	-	331	-	-	331
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	552	-	-	65	65
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	127	-	-	323	414	737
Non-OPEC	-	-	-	25	3,167	1,003	5,697	9,202	15,902
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	19	-	19
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	61	231	226	371	828
Brazil	-	-	-	-	134	-	569	-	569
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	750	-	716	962	1,678
Chad	-	-	-	-	-	-	325	-	325
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	25	-	-	516	184	700
Congo (Brazzaville)	-	-	-	-	-	-	48	25	73
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	92	92
Finland	-	-	-	-	35	-	46	-	46
France	-	-	-	-	57	-	-	180	180
Gabon	-	-	-	-	-	-	118	-	118
Germany	-	-	-	-	46	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	416	54	317	787
Korea, South	-	-	-	-	1,460	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	5,019	5,019
Netherlands	-	-	-	-	136	141	118	-	259
Netherlands Antilles	-	-	-	-	-	-	12	-	12
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	215	1,105	1,573	2,893
Spain	-	-	-	-	148	-	82	-	82
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	107	35	142
United Kingdom	-	-	-	-	-	-	917	83	1,000
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	340	0	719	361	1,080
Total	-	-	-	152	3,719	2,489	6,687	9,681	18,857
Persian Gulf ³	-	-	-	-	552	-	-	65	65

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	506	9,549	—	190	—	1,815	—	40,993	1,076,572	2,829	112	2,941
Algeria	—	9,493	—	—	—	—	—	25,542	46,113	56	70	126
Angola	—	—	—	—	—	—	—	4,068	31,105	74	11	85
Ecuador	—	—	—	—	—	—	—	6	8,261	23	0	23
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	103,203	282	—	282
Kuwait	—	—	—	121	—	—	—	444	107,607	293	1	294
Libya	—	—	—	—	—	—	—	1,681	5,325	10	5	15
Nigeria	—	—	—	—	—	—	—	2,370	86,716	230	6	237
Qatar	—	—	—	—	—	1,499	—	1,499	1,499	—	4	4
Saudi Arabia	55	—	—	—	—	33	—	954	362,099	987	3	989
United Arab Emirates	—	—	—	—	—	—	—	619	619	—	2	2
Venezuela	451	56	—	69	—	283	—	3,810	324,025	875	10	885
Non-OPEC	9,167	4,397	277	1,745	181	5,730	18	206,412	814,881	1,662	564	2,226
Argentina	158	267	—	873	—	12	—	1,432	1,432	—	4	4
Aruba	—	—	—	—	—	59	—	1,607	1,607	—	4	4
Australia	—	—	—	—	—	—	—	—	1,034	3	—	3
Bahamas	—	—	—	—	—	—	—	438	438	—	1	1
Bahrain	—	—	—	—	—	566	—	566	566	—	2	2
Belgium	311	—	—	—	—	65	—	14,281	14,281	—	39	39
Brazil	447	—	—	172	—	45	—	2,573	54,356	141	7	149
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	32	—	—	—	—	—	—	601	1,001	1	2	3
Canada	765	795	—	180	181	28	16	7,830	43,319	97	21	118
Chad	—	—	—	—	—	—	—	325	7,877	21	1	22
China	—	—	148	—	—	—	—	190	190	—	1	1
Colombia	—	—	—	—	—	7	—	1,887	103,045	276	5	282
Congo (Brazzaville)	—	—	—	—	—	—	—	125	848	2	0	2
Denmark	—	—	—	—	—	—	—	86	86	—	0	0
Egypt	—	—	—	—	—	—	—	—	11,438	31	—	31
Equatorial Guinea	—	—	—	—	—	—	—	—	5,969	16	—	16
Estonia	—	—	—	—	—	—	—	523	523	—	1	1
Finland	—	—	—	—	—	—	—	123	123	—	0	0
France	139	305	—	—	—	30	—	2,637	2,637	—	7	7
Gabon	—	—	—	—	—	—	—	287	8,236	22	1	23
Germany	43	—	—	129	—	30	—	337	337	—	1	1
Guatemala	—	—	—	—	—	—	—	—	3,970	11	—	11
India	81	—	—	—	—	—	—	2,120	2,120	—	6	6
Indonesia	—	—	—	—	—	347	—	347	347	—	1	1
Italy	89	—	—	—	—	71	—	5,921	5,921	—	16	16
Korea, South	1,255	—	—	—	—	3,737	—	6,911	6,911	—	19	19
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	116	—	—	12	—	128	128	—	0	0
Mexico	2,758	—	—	—	—	—	—	13,325	368,392	970	36	1,007
Netherlands	482	18	—	—	—	99	—	4,588	4,588	—	13	13
Netherlands Antilles	—	—	—	—	—	—	—	12	12	—	0	0
Norway	494	623	—	—	—	—	—	6,880	8,062	3	19	22
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	47	—	784	784	—	2	2
Russia	401	2,069	—	—	—	87	—	101,412	107,147	16	277	293
Spain	2	—	—	250	—	47	—	1,909	1,909	—	5	5
Sweden	—	—	—	—	—	—	—	621	621	—	2	2
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	4,113	12,917	24	11	35
United Kingdom	267	—	—	32	—	166	1	5,320	9,878	12	15	27
Vietnam	—	—	—	—	—	—	—	—	438	1	—	1
Virgin Islands, U.S.	—	—	—	—	—	—	—	661	661	—	2	2
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	1,443	320	13	109	0	275	1	15,512	20,732	15	43	55
Total	9,673	13,946	277	1,935	181	7,545	18	247,405	1,891,453	4,492	676	5,168
Persian Gulf ³	55	—	—	121	—	2,098	—	4,082	575,593	1,562	11	1,573

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	92,304	—	3,409	—	—	19	19	—	4	4
Canada	92,304	—	3,409	—	—	19	19	—	4	4
Other	0	—	0	—	—	0	0	—	0	0
Total	92,304	—	3,409	—	—	19	19	—	4	4
PAD District 5										
OPEC	242,914	—	—	6,095	—	—	—	—	—	—
Algeria	3,237	—	—	5,999	—	—	—	—	—	—
Angola	23,137	—	—	—	—	—	—	—	—	—
Ecuador	54,845	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	52,867	—	—	—	—	—	—	—	—	—
Kuwait	5,009	—	—	—	—	—	—	—	—	—
Libya	5,076	—	—	96	—	—	—	—	—	—
Nigeria	3,419	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	92,954	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	2,370	—	—	—	—	—	—	—	—	—
Non-OPEC	180,181	—	1,918	12,659	—	1,251	1,251	330	5,337	5,667
Argentina	7,700	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	1,374	—	—	—	—	—	—
Australia	1,176	—	—	—	—	—	—	—	—	—
Brazil	11,055	—	—	—	—	—	—	—	—	—
Brunei	618	—	—	—	—	—	—	—	—	—
Canada	68,613	—	1,532	15	—	760	760	—	2,984	2,984
China	458	—	—	—	—	—	—	—	—	—
Colombia	35,369	—	10	—	—	—	—	—	—	—
Finland	—	—	—	58	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	2,022	—	—	172	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	54	—	—	98	98	—	407	407
Malaysia	—	—	—	—	—	—	—	—	203	203
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	476	—	—	—	—	207	207
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Oman	3,460	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	2,716	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	319	319
Sweden	—	—	—	195	—	62	62	—	—	—
Taiwan	—	—	—	—	—	—	—	—	247	247
United Kingdom	—	—	—	52	—	—	—	330	338	668
Vietnam	3,156	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	43,838	—	322	10,317	—	331	331	0	632	632
Total	423,095	—	1,918	18,754	—	1,251	1,251	330	5,337	5,667
Persian Gulf³	150,830	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels			Distillate Fuel Oil					
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	
Algeria	-	-	-	-	-	-	-	-	-	-	
Angola	-	-	-	-	-	-	-	-	-	-	
Ecuador	-	-	-	-	-	-	-	-	-	-	
Iran	-	-	-	-	-	-	-	-	-	-	
Iraq	-	-	-	-	-	-	-	-	-	-	
Kuwait	-	-	-	-	-	-	-	-	-	-	
Libya	-	-	-	-	-	-	-	-	-	-	
Nigeria	-	-	-	-	-	-	-	-	-	-	
Qatar	-	-	-	-	-	-	-	-	-	-	
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	
Venezuela	-	-	-	-	-	-	-	-	-	-	
Non-OPEC	-	-	-	-	-	-	196	504	-	-	
Canada	-	-	-	-	-	-	196	504	-	-	
Other	-	-	-	-	-	-	0	0	-	-	
Total	-	-	-	-	-	-	196	504	-	-	
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	
Algeria	-	-	-	-	-	-	-	-	-	-	
Angola	-	-	-	-	-	-	-	-	-	-	
Ecuador	-	-	-	-	-	-	-	-	-	-	
Iran	-	-	-	-	-	-	-	-	-	-	
Iraq	-	-	-	-	-	-	-	-	-	-	
Kuwait	-	-	-	-	-	-	-	-	-	-	
Libya	-	-	-	-	-	-	-	-	-	-	
Nigeria	-	-	-	-	-	-	-	-	-	-	
Qatar	-	-	-	-	-	-	-	-	-	-	
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	
Venezuela	-	-	-	-	-	-	-	-	-	-	
Non-OPEC	-	-	2,386	2	215	-	2,818	26	429	1	3,274
Argentina	-	-	-	-	-	-	-	-	-	-	
Aruba	-	-	-	-	-	-	-	-	-	-	
Australia	-	-	-	-	-	-	-	-	-	-	
Brazil	-	-	1,609	-	-	-	-	-	-	-	
Brunei	-	-	-	-	-	-	-	-	-	-	
Canada	-	-	-	2	-	-	1,619	26	49	-	
China	-	-	-	-	-	-	-	-	-	-	
Colombia	-	-	-	-	-	-	-	-	-	-	
Finland	-	-	-	-	-	-	-	-	-	-	
Germany	-	-	-	-	-	-	-	-	-	-	
Indonesia	-	-	-	-	-	-	-	-	-	-	
Japan	-	-	-	-	-	-	788	-	-	788	
Korea, South	-	-	-	-	-	-	411	-	67	1	
Malaysia	-	-	-	-	-	-	-	-	313	-	
Mexico	-	-	-	-	-	-	-	-	-	313	
Netherlands	-	-	-	-	-	-	-	-	-	-	
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	
Oman	-	-	-	-	-	-	-	-	-	-	
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	
Peru	-	-	-	-	-	-	-	-	-	-	
Singapore	-	-	-	-	-	-	-	-	-	-	
Sweden	-	-	-	-	-	-	-	-	-	-	
Taiwan	-	-	-	-	-	-	-	-	-	-	
United Kingdom	-	-	-	-	-	-	-	-	-	-	
Vietnam	-	-	-	-	-	-	-	-	-	-	
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	
Other	-	-	777	0	215	-	0	0	0	0	0
Total	-	-	2,386	2	215	-	2,818	26	429	1	3,274
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 4									
OPEC	—	—	—	7	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	7	—	—	—	—	—
Non-OPEC	—	2	—	18	—	—	6	139	145
Canada	—	2	—	—	—	—	6	139	145
Other	—	0	—	18	—	—	0	0	0
Total	—	2	—	25	—	—	6	139	145
PAD District 5									
OPEC	—	—	—	—	—	—	—	190	190
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	190	190
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	146	2	—	11,831	—	—	515	9,792	10,307
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Canada	—	2	—	165	—	—	175	773	948
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	109	—	109
Finland	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Japan	146	—	—	982	—	—	—	—	—
Korea, South	—	—	—	9,263	—	—	—	—	—
Malaysia	—	—	—	310	—	—	—	—	—
Mexico	—	—	—	—	—	—	53	5,860	5,913
Netherlands	—	—	—	—	—	—	168	—	168
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	301	301
Singapore	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	1,111	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	—	—	10	2,858	2,868
Total	146	2	—	11,831	—	—	515	9,982	10,497
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2012
 (Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average			
	Naphtha	Other Oils								Crude Oil	Products	Total	
PAD District 4													
OPEC	—	—	—	—	—	—	—	—	7	7	—	0	0
Algeria	—	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	7	7	—	0	0	0
Non-OPEC	—	—	8	82	984	—	13	5,384	97,688	252	15	267	267
Canada	—	—	8	82	984	—	13	5,366	97,670	252	15	267	267
Other	—	—	0	0	0	—	0	18	18	0	0	0	0
Total	—	—	8	82	984	—	13	5,391	97,695	252	15	267	267
PAD District 5													
OPEC	—	—	—	—	32	—	—	6,317	249,231	664	17	681	681
Algeria	—	—	—	—	—	—	—	5,999	9,236	9	16	25	25
Angola	—	—	—	—	—	—	—	—	23,137	63	—	63	63
Ecuador	—	—	—	—	—	—	—	190	55,035	150	1	150	150
Iran	—	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	52,867	144	—	144	144
Kuwait	—	—	—	—	—	—	—	—	5,009	14	—	14	14
Libya	—	—	—	—	—	—	—	96	5,172	14	0	14	14
Nigeria	—	—	—	—	—	—	—	—	3,419	9	—	9	9
Qatar	—	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	92,954	254	—	254	254
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	32	—	—	32	2,402	6	0	7	7
Non-OPEC	482	—	392	396	1,316	284	—	52,528	232,709	492	144	636	636
Argentina	—	—	—	—	—	—	—	—	7,700	21	—	21	21
Aruba	—	—	—	—	—	—	—	1,374	1,374	—	4	4	4
Australia	—	—	—	—	—	—	—	—	1,176	3	—	3	3
Brazil	—	—	—	—	—	—	—	1,609	12,664	30	4	35	35
Brunei	—	—	—	—	—	—	—	—	618	2	—	2	2
Canada	—	—	—	396	1,316	57	—	9,871	78,484	187	27	214	214
China	—	—	286	—	—	—	—	286	744	1	1	2	2
Colombia	—	—	—	—	—	—	—	119	35,488	97	0	97	97
Finland	—	—	—	—	—	—	—	58	58	—	0	0	0
Germany	—	—	2	—	—	—	—	2	2	—	0	0	0
Indonesia	—	—	—	—	—	—	—	172	2,194	6	0	6	6
Japan	—	—	98	—	—	6	—	2,020	2,020	—	6	6	6
Korea, South	482	—	—	—	220	—	—	11,003	11,003	—	30	30	30
Malaysia	—	—	2	—	—	—	—	828	828	—	2	2	2
Mexico	—	—	—	—	—	—	—	5,913	5,913	—	16	16	16
Netherlands	—	—	—	—	1	—	—	852	852	—	2	2	2
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	3,460	9	—	9	9
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	301	3,017	7	1	8	8
Singapore	—	—	—	—	—	—	—	534	534	—	1	1	1
Sweden	—	—	—	—	—	—	—	257	257	—	1	1	1
Taiwan	—	—	—	—	—	—	—	1,358	1,358	—	4	4	4
United Kingdom	—	—	—	—	—	—	—	720	720	—	2	2	2
Vietnam	—	—	—	—	—	—	—	—	3,156	9	—	9	9
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	4	0	0	0	—	15,251	59,089	120	43	162	162
Total	482	—	392	396	1,348	284	—	58,845	481,940	1,156	161	1,317	1,317
Persian Gulf³	—	—	—	—	—	—	—	—	150,830	412	—	412	412

— = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 49. Exports of Crude Oil and Petroleum Products by PAD District, December 2012
 (Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil ¹	4	1,784	0	—	—	1,788	58
Natural Gas Plant Liquids and Liquefied Refinery Gases	502	2,154	6,652	330	465	10,102	326
Pentanes Plus	61	2,042	658	325	71	3,157	102
Liquefied Petroleum Gases	441	112	5,994	5	393	6,945	224
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	171	36	5,735	1	377	6,319	204
Normal Butane/Butylene	270	76	259	4	16	625	20
Isobutane/Isobutylene	—	—	—	—	—	—	—
Other Liquids	132	901	6,249	2	335	7,620	246
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons	125	681	1,925	2	90	2,824	91
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	1	1	1,365	0	1	1,368	44
Methyl Tertiary Butyl Ether (MTBE)	—	1	1,079	—	0	1,080	35
Other Oxygenates	1	1	285	0	1	287	9
Renewable Fuels (including Fuel Ethanol)	125	680	560	2	89	1,456	47
Fuel Ethanol ²	124	677	441	2	68	1,313	42
Biomass-Based Diesel	1	3	119	—	21	143	5
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	7	220	4,323	—	245	4,796	155
Reformulated	1	—	601	—	94	696	22
Conventional	6	220	3,723	—	151	4,100	132
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	2,909	1,735	75,868	74	12,217	92,803	2,994
Finished Motor Gasoline	46	38	16,096	1	2,117	18,299	590
Reformulated	—	—	—	—	—	—	—
Conventional	46	38	16,096	1	2,117	18,299	590
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	9	100	4,815	—	949	5,874	189
Kerosene	1	0	361	—	67	429	14
Distillate Fuel Oil	670	109	27,337	—	3,608	31,724	1,023
15 ppm sulfur and under ³	230	10	20,359	—	2,283	22,882	738
Greater than 15 ppm to 500 ppm sulfur ³	439	29	3,434	—	367	4,269	138
Greater than 500 ppm sulfur	1	70	3,545	—	958	4,574	148
Residual Fuel Oil	918	134	12,842	16	634	14,544	469
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	4	14	1,037	46	301	1,402	45
Lubricants	153	195	1,581	9	101	2,039	66
Waxes	54	36	60	1	8	158	5
Petroleum Coke	661	1,083	11,532	—	4,349	17,625	569
Asphalt and Road Oil	377	24	190	2	81	674	22
Miscellaneous Products	16	0	16	—	2	35	1
Total	3,547	6,574	88,769	406	13,017	112,313	3,623

— = No Data Reported.

1 Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

2 Exports include industrial alcohol.

3 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-December 2012
 (Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil ¹	2,982	17,598	1,288	5	0	21,874	60
Natural Gas Plant Liquids and Liquefied Refinery Gases	3,052	39,229	61,693	4,261	5,319	113,554	310
Pentanes Plus	315	35,327	1,105	3,795	1,094	41,636	114
Liquefied Petroleum Gases	2,737	3,902	60,588	466	4,225	71,918	196
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	1,230	580	56,954	12	3,714	62,490	171
Normal Butane/Butylene	1,507	3,322	3,633	455	512	9,428	26
Isobutane/Isobutylene	—	—	—	—	—	—	—
Other Liquids	3,810	9,098	56,011	18	3,248	72,185	197
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons	2,156	7,847	30,999	18	1,230	42,249	115
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	39	6	21,384	0	367	21,796	60
Methyl Tertiary Butyl Ether (MTBE)	31	1	16,086	—	349	16,468	45
Other Oxygenates	8	5	5,298	0	18	5,328	15
Renewable Fuels (including Fuel Ethanol)	2,117	7,841	9,615	18	863	20,453	56
Fuel Ethanol ²	2,029	6,632	8,580	17	397	17,656	48
Biomass-Based Diesel	88	1,208	1,035	0	466	2,797	8
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	1,654	1,251	25,012	0	2,018	29,935	82
Reformulated	8	2	3,680	—	519	4,208	11
Conventional	1,646	1,249	21,332	0	1,499	25,727	70
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	80,163	19,532	740,324	983	116,865	957,867	2,617
Finished Motor Gasoline	1,081	1,085	137,951	50	14,133	154,299	422
Reformulated	33	6	667	3	7	715	2
Conventional	1,048	1,079	137,284	46	14,126	153,584	420
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	1,036	3,016	31,013	12	13,371	48,448	132
Kerosene	412	31	1,316	7	238	2,004	5
Distillate Fuel Oil	44,977	2,143	292,552	4	29,249	368,925	1,008
15 ppm sulfur and under ³	10,609	454	229,641	0	21,454	262,158	716
Greater than 15 ppm to 500 ppm sulfur ³	12,977	1,023	31,553	4	5,089	50,646	138
Greater than 500 ppm sulfur	21,391	666	31,358	—	2,706	56,121	153
Residual Fuel Oil	17,200	2,209	111,805	95	8,931	140,242	383
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	1,192	140	15,421	452	642	17,847	49
Lubricants	2,418	3,400	18,594	150	2,765	27,326	75
Waxes	809	465	627	6	77	1,982	5
Petroleum Coke	7,496	4,892	126,044	0	45,735	184,167	503
Asphalt and Road Oil	3,354	2,143	3,741	207	1,708	11,152	30
Miscellaneous Products	187	8	1,260	—	18	1,474	4
Total	90,007	85,456	859,317	5,267	125,433	1,165,480	3,184

— = No Data Reported.

1 Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

2 Exports include industrial alcohol.

3 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, December 2012
 (Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	0	-	-	144	144	-	-	-
Australia	-	0	0	-	-	311	311	-	-	-
Bahamas	-	0	26	-	-	65	65	0	522	523
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	-	-	-	-	-	-	20	20
Belize	-	-	-	-	-	-	-	-	0	0
Brazil	-	1	578	-	-	629	629	-	962	962
Canada	1,788	3,086	439	-	-	111	111	90	1,420	1,510
Cayman Islands	-	-	10	-	-	23	23	-	-	-
Chile	-	0	-	-	-	0	0	-	-	-
China	-	0	-	-	-	-	-	-	-	-
Colombia	-	0	-	-	-	571	571	0	-	0
Costa Rica	-	0	53	-	-	261	261	-	251	251
Denmark	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	1,235	-	-	325	325	1	0	1
Ecuador	-	0	-	-	-	480	480	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
El Salvador	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	5	5	-	-	-
France	-	29	716	-	-	-	-	-	-	-
Germany	-	0	-	-	-	-	-	-	1	1
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	669	669	-	-	-
Honduras	-	-	559	-	-	68	68	-	0	0
Hong Kong	-	-	-	-	-	-	-	-	0	0
India	-	-	-	-	-	-	-	-	1	1
Indonesia	-	-	-	-	-	0	0	-	-	-
Ireland	-	-	-	-	-	-	-	-	-	-
Israel	-	-	1	-	-	6	6	167	1	167
Italy	-	-	-	-	-	-	-	-	-	-
Jamaica	-	-	70	-	-	0	0	-	-	-
Japan	-	3	-	-	-	516	516	0	0	0
Korea, South	-	3	-	-	-	3	3	-	0	0
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	15	2,427	-	-	6,781	6,781	387	909	1,295
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	-	16	575	-	-	452	452	-	9	9
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
New Zealand	-	-	1	-	-	-	-	-	-	-
Nicaragua	-	0	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	790	790	-	-	-
Norway	-	-	1	-	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	-	-	199	-	-	698	698	-	0	0
Peru	-	-	-	-	-	30	30	-	0	0
Philippines	-	-	0	-	-	-	-	-	-	-
Portugal	-	-	51	-	-	-	-	-	-	-
Puerto Rico	-	0	-	-	-	-	-	-	0	0
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
Serbia	-	-	-	-	-	-	-	-	-	-
Singapore	-	0	-	-	-	968	968	-	-	-
South Africa	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-	-
Taiwan	-	0	-	-	-	-	-	-	0	0
Thailand	-	0	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	0	-	-	-	0	0	-	-	-
Turkey	-	1	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	0	-	-	309	309	-	-	-
United Kingdom	-	-	-	-	-	0	0	-	0	0
Venezuela	-	2	-	-	-	2,908	2,908	-	0	0
Other	-	1	4	-	-	1,176	1,176	51	4	56
Total	1,788	3,157	6,945	-	-	18,299	18,299	696	4,100	4,796

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, December 2012
 (Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels			Distillate Fuel Oil ³					
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol ²	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
Argentina	38	0	0	—	—	—	1,328	—	—	—	1,328
Australia	0	0	1	35	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	24	—	287	—	311
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	7	0	0	—	—	—	3	—	—	—	3
Belize	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	0	91	—	—	—	633	—	948	—	1,581
Canada	—	0	836	24	—	—	179	139	120	—	438
Cayman Islands	—	—	—	—	—	—	20	—	69	—	89
Chile	—	—	0	—	—	—	3,732	—	170	—	3,902
China	1	0	0	0	—	—	—	0	0	—	0
Colombia	—	—	—	—	—	—	2,052	199	—	—	2,251
Costa Rica	—	0	0	—	—	—	824	—	—	—	824
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	0	—	—	—	32	107	125	—	264
Ecuador	—	—	—	—	—	—	948	260	—	—	1,208
Egypt	—	—	—	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	0	—	—	—	0
Finland	—	—	58	—	—	—	—	—	—	—	—
France	—	0	—	—	—	—	741	553	—	—	1,294
Germany	—	0	1	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	635	438	—	—	1,073
Greece	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	100	22	40	—	162
Honduras	—	—	—	—	—	—	—	—	117	—	117
Hong Kong	—	0	0	—	—	—	—	0	—	—	0
India	—	0	1	—	—	—	0	—	—	—	0
Indonesia	—	0	—	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—	—
Israel	—	0	5	—	—	—	—	0	—	—	0
Italy	—	0	—	—	—	—	—	0	—	—	0
Jamaica	—	—	38	—	—	—	39	0	—	—	39
Japan	—	284	7	—	—	—	—	—	0	—	0
Korea, South	—	0	1	—	—	—	—	—	—	—	—
Lebanon	—	—	—	—	—	—	—	—	—	—	—
Mexico	623	1	7	0	—	—	2,829	529	1,243	—	4,601
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	132	—	—	—	5,856	45	80	—	5,982
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	48	—	—	2	—	—	—	2
Pakistan	—	—	—	—	—	—	—	—	—	—	—
Panama	—	0	—	—	—	—	147	938	527	—	1,612
Peru	—	0	49	—	—	—	1,602	—	80	—	1,682
Philippines	—	0	1	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	3	—	—	—	—	—	—	—	—
Romania	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	0	—	—	—	—	0	—	—	0
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	0	—	—	—	—	—	25	480	—	505
South Africa	—	0	—	0	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	0	—	—	—	0
Switzerland	—	—	—	—	—	—	—	—	—	—	—
Taiwan	0	0	0	29	—	—	—	—	—	—	—
Thailand	—	0	—	—	—	—	0	—	—	—	0
Trinidad and Tobago	—	—	—	—	—	—	—	152	—	—	152
Turkey	—	0	1	—	—	—	—	0	—	—	0
United Arab Emirates	0	—	0	—	—	—	—	—	—	—	—
United Kingdom	—	—	3	—	—	—	5	—	—	—	5
Venezuela	399	0	—	—	—	—	1,048	479	275	—	1,801
Other	12	2	78	7	—	—	103	383	13	—	498
Total	1,080	287	1,313	143	—	—	22,882	4,269	4,574	—	31,724

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, December 2012
 (Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	—	—	—	—	—
Australia	—	—	—	—	0	0	—	—
Bahamas	—	—	—	40	115	135	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	0	—	—	—
Belize	0	—	—	—	—	—	—	—
Brazil	—	—	—	—	6	—	—	—
Canada	156	—	—	1,772	63	763	—	—
Cayman Islands	—	—	—	5	—	—	—	—
Chile	0	—	—	320	—	0	—	—
China	0	—	—	—	0	0	—	—
Colombia	—	—	—	—	—	0	—	—
Costa Rica	—	—	—	95	—	160	—	—
Denmark	—	—	—	—	—	55	—	—
Dominican Republic	—	—	—	107	—	—	—	—
Ecuador	—	—	—	—	0	210	—	—
Egypt	—	—	—	—	—	—	—	—
El Salvador	0	—	—	—	—	333	—	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	320	—	—	—	—
Germany	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	743	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	—	—	—	132	—	239	—	—
Honduras	0	—	—	19	—	279	—	—
Hong Kong	—	—	—	—	—	—	—	—
India	—	—	—	—	0	—	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	—	—	—	—	0	0	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	0	—	—	—	0	402	—	—
Japan	—	—	—	—	98	0	—	—
Korea, South	—	—	—	—	300	0	—	—
Lebanon	—	—	—	—	—	—	—	—
Mexico	1	—	—	73	33	1,899	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	205	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	—	—	—	920	—	1,950	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	0	—	—
Nicaragua	0	—	—	—	—	—	—	—
Nigeria	272	—	—	260	—	—	—	—
Norway	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	—	—	—	367	—	1,639	—	—
Peru	—	—	—	150	65	0	—	—
Philippines	—	—	—	—	0	0	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	—	—	—	1	0	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	1	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	320	4,185	—	—
South Africa	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—
Thailand	—	—	—	—	0	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	1,196	0	127	—	—
Venezuela	0	—	—	—	400	597	—	—
Other	—	—	—	98	—	623	—	—
Total	429	—	—	5,874	1,402	14,544	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, December 2012
 (Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	0	0	0	28	0	1,539	1,539	-	50	50
Australia	0	275	1	7	-	631	631	-	20	20
Bahamas	-	-	1	1	0	1,218	1,218	-	39	39
Bahrain	0	-	-	0	-	0	0	-	0	0
Belgium	1	2	-	106	-	138	138	-	4	4
Belize	-	-	-	1	-	2	2	-	0	0
Brazil	0	382	3	254	0	4,487	4,487	-	145	145
Canada	85	1,601	180	258	4	11,327	13,116	58	365	423
Cayman Islands	-	-	0	1	-	128	128	-	4	4
Chile	4	270	0	86	-	4,583	4,583	-	148	148
China	3	2,550	30	24	0	2,609	2,609	-	84	84
Colombia	0	0	0	78	0	2,901	2,901	-	94	94
Costa Rica	0	182	-	9	0	1,835	1,835	-	59	59
Denmark	0	150	4	1	-	210	210	-	7	7
Dominican Republic	0	-	33	10	-	1,975	1,975	-	64	64
Ecuador	0	0	0	28	-	1,927	1,927	-	62	62
Egypt	0	0	0	1	-	2	2	-	0	0
El Salvador	-	178	-	8	-	519	519	-	17	17
Finland	-	-	-	2	-	65	65	-	2	2
France	1	15	-	16	-	2,391	2,391	-	77	77
Germany	1	286	2	6	1	298	298	-	10	10
Ghana	-	-	0	0	-	0	0	-	0	0
Gibraltar	-	-	-	-	-	1,816	1,816	-	59	59
Greece	-	75	-	0	-	75	75	-	2	2
Guatemala	0	149	0	19	0	1,371	1,371	-	44	44
Honduras	-	-	-	10	-	1,052	1,052	-	34	34
Hong Kong	1	-	3	1	0	5	5	-	0	0
India	1	1,311	0	24	1	1,339	1,339	-	43	43
Indonesia	0	0	1	1	-	3	3	-	0	0
Ireland	-	-	-	-	1	1	1	-	0	0
Israel	0	327	-	160	0	667	667	-	22	22
Italy	0	700	0	3	0	703	703	-	23	23
Jamaica	0	-	0	14	0	563	563	-	18	18
Japan	1	1,990	0	50	2	2,952	2,952	-	95	95
Korea, South	0	270	6	14	1	598	598	-	19	19
Lebanon	-	399	-	0	-	399	399	-	13	13
Mexico	22	1,747	116	365	16	20,022	20,022	-	646	646
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	165	-	0	-	370	370	-	12	12
Mozambique	-	28	-	0	-	28	28	-	1	1
Netherlands	24	288	0	2	2	10,352	10,352	-	334	334
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
New Zealand	0	110	272	1	-	383	383	-	12	12
Nicaragua	-	-	-	6	-	7	7	-	0	0
Nigeria	-	-	0	85	-	1,406	1,406	-	45	45
Norway	0	117	-	0	-	168	168	-	5	5
Pakistan	-	-	1	0	0	1	1	-	0	0
Panama	0	1	-	25	-	4,542	4,542	-	147	147
Peru	0	-	-	97	0	2,073	2,073	-	67	67
Philippines	0	0	-	2	0	3	3	-	0	0
Portugal	0	135	-	-	-	186	186	-	6	6
Puerto Rico	0	-	-	17	0	20	20	-	1	1
Romania	-	-	-	0	-	0	0	-	0	0
Saudi Arabia	-	118	-	8	0	128	128	-	4	4
Serbia	-	-	-	-	-	-	-	-	-	-
Singapore	0	0	2	69	0	6,049	6,049	-	195	195
South Africa	0	53	2	30	-	85	85	-	3	3
Spain	0	903	-	1	-	904	904	-	29	29
Switzerland	-	-	-	0	-	0	0	-	0	0
Taiwan	0	547	2	6	0	586	586	-	19	19
Thailand	0	0	2	5	1	9	9	-	0	0
Trinidad and Tobago	-	-	0	24	0	177	177	-	6	6
Turkey	-	1,765	-	1	-	1,768	1,768	-	57	57
United Arab Emirates	0	-	-	18	0	328	328	-	11	11
United Kingdom	12	0	4	1	-	1,348	1,348	-	43	43
Venezuela	-	0	-	3	0	6,111	6,111	-	197	197
Other	2	536	9	52	6	3,142	3,141	-	102	102
Total	158	17,625	674	2,039	35	110,525	112,313	58	3,565	3,623

- = No Data Reported.

1 Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

2 Exports include industrial alcohol.

3 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January–December 2012
 (Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	3	2	—	—	1,506	1,506	—	—	—
Australia	—	2	7	—	1	314	315	0	1	1
Bahamas	—	1	136	—	4	1,287	1,292	3	1,042	1,045
Bahrain	—	—	—	—	1	4	4	—	0	0
Belgium	—	5	303	—	—	248	248	—	50	50
Belize	—	—	0	—	—	96	96	—	1	1
Brazil	—	29	5,443	—	—	6,240	6,240	—	3,909	3,909
Canada	21,868	40,957	6,994	—	14	4,229	4,242	500	6,854	7,354
Cayman Islands	—	0	20	—	0	299	299	—	—	—
Chile	—	1	5,825	—	—	2,844	2,844	0	0	0
China	—	19	1,100	—	0	1	1	—	4	4
Colombia	—	4	0	—	—	2,836	2,836	0	99	100
Costa Rica	—	2	1,593	—	147	5,796	5,944	—	489	489
Denmark	—	0	1	—	—	—	—	—	0	0
Dominican Republic	—	1	6,829	—	—	949	949	2	1	3
Ecuador	—	2	4,407	—	—	3,554	3,554	—	25	25
Egypt	—	1	42	—	—	—	—	—	—	—
El Salvador	—	0	0	—	—	507	507	—	3	3
Finland	—	0	—	—	—	21	21	—	9	9
France	—	137	2,559	—	1	1	2	0	1	1
Germany	—	2	4	—	—	0	0	0	1	1
Ghana	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	550	—	—	—	—	—	—	—
Greece	—	0	—	—	—	—	—	—	0	0
Guatemala	—	1	35	—	—	6,592	6,592	0	15	15
Honduras	—	0	4,358	—	5	2,623	2,628	—	6	6
Hong Kong	—	1	0	—	—	—	—	—	0	0
India	—	2	1	—	—	1	1	0	1	1
Indonesia	—	—	—	—	—	11	11	—	—	—
Ireland	—	—	—	—	—	0	0	—	0	0
Israel	—	1	2	—	6	708	714	167	1	168
Italy	—	0	1	—	—	—	—	—	0	0
Jamaica	—	1	143	—	0	622	622	—	4	4
Japan	—	3	2,726	—	1	2,132	2,132	1	2	3
Korea, South	—	3	661	—	—	18	18	0	5	5
Lebanon	—	—	—	—	—	0	0	—	—	—
Mexico	5	234	17,886	—	474	76,569	77,043	2,890	11,438	14,329
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	618	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	300	300	—	—	—
Netherlands	—	182	4,509	—	—	766	766	1	51	51
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	6	—	0	0	0	—	0	0
Nicaragua	—	1	—	—	—	1	1	—	3	3
Nigeria	—	—	0	—	—	2,124	2,124	—	—	—
Norway	—	0	1	—	—	—	—	0	0	0
Pakistan	—	0	—	—	—	—	—	—	—	—
Panama	—	1	1,328	—	—	7,324	7,324	—	2	2
Peru	—	5	5	—	0	1,152	1,152	—	4	4
Philippines	—	—	1	—	—	28	28	—	0	0
Portugal	—	—	51	—	—	1	1	—	—	—
Puerto Rico	—	3	6	—	45	27	72	1	39	40
Romania	—	0	—	—	—	0	0	—	0	0
Saudi Arabia	—	0	2	—	—	3	3	—	1	1
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	1	0	—	0	1,245	1,245	—	1	1
South Africa	—	—	—	—	—	17	17	0	—	0
Spain	—	—	574	—	—	413	413	—	0	0
Switzerland	—	0	—	—	—	—	—	—	—	—
Taiwan	—	3	261	—	—	1,104	1,104	—	0	0
Thailand	—	1	0	—	2	14	16	—	0	0
Trinidad and Tobago	—	1	2	—	0	1,305	1,305	—	0	0
Turkey	—	1	—	—	—	3	3	—	1	1
United Arab Emirates	—	1	1	—	—	311	311	—	2	2
United Kingdom	—	2	568	—	3	40	43	0	3	3
Venezuela	—	18	1,652	—	—	12,585	12,585	—	1,371	1,371
Other	1	4	705	—	11	4,813	4,825	643	288	930
Total	21,874	41,636	71,918	—	715	153,584	154,299	4,208	25,727	29,935

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January–December 2012
 (Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels			Distillate Fuel Oil ³					
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol ²	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
Argentina	84	0	4	—	—	—	8,102	1,956	1,339	—	11,398
Australia	0	0	3	170	—	—	—	1	—	—	1
Bahamas	2	1	1	0	—	—	729	2,296	898	—	3,923
Bahrain	—	—	0	—	—	—	—	—	—	—	—
Belgium	76	3	58	—	—	—	1,953	462	—	—	2,414
Belize	—	0	0	—	—	—	—	147	—	—	147
Brazil	—	0	2,046	0	—	—	9,164	2,998	13,772	—	25,934
Canada	—	3	7,401	1,684	—	—	697	1,979	1,387	—	4,064
Cayman Islands	—	—	0	—	—	—	349	157	230	—	736
Chile	1,327	0	10	—	—	—	35,188	1,480	482	—	37,151
China	3	0	2	0	—	—	167	2	1	—	169
Colombia	—	0	2	0	—	—	19,390	1,533	894	—	21,817
Costa Rica	24	0	1	—	—	—	6,755	101	—	—	6,856
Denmark	—	0	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	3	—	—	—	1,201	2,494	857	—	4,552
Ecuador	—	0	0	53	—	—	6,978	2,578	2,017	—	11,574
Egypt	—	0	3	—	—	—	—	—	839	—	839
El Salvador	—	0	—	—	—	—	311	0	218	—	529
Finland	—	0	728	—	—	—	0	—	—	—	0
France	—	2	0	—	—	—	20,642	1,141	208	—	21,990
Germany	0	0	10	—	—	—	2,797	0	0	—	2,798
Ghana	—	—	26	—	—	—	—	312	0	—	312
Gibraltar	—	—	—	—	—	—	13,102	1,596	8,826	—	23,524
Greece	—	—	—	—	—	—	—	0	—	—	0
Guatemala	—	0	—	0	—	—	1,395	2,344	2,644	—	6,384
Honduras	—	—	0	—	—	—	313	1,926	1,369	—	3,609
Hong Kong	—	0	1	1	—	—	2	0	—	—	2
India	2	3	6	—	—	—	0	16	—	—	16
Indonesia	—	0	—	—	—	—	—	—	—	—	—
Ireland	—	—	32	—	—	—	433	—	—	—	433
Israel	0	0	19	0	—	—	0	0	0	—	0
Italy	—	0	—	—	—	—	1,326	0	—	—	1,326
Jamaica	—	—	405	—	—	—	231	145	75	—	451
Japan	1	4,616	9	—	—	—	3	0	0	—	4
Korea, South	1	1	244	—	—	—	0	0	—	—	0
Lebanon	—	—	2	—	—	—	—	—	339	—	339
Mexico	8,257	389	849	1	—	—	40,065	6,202	2,369	—	48,636
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	545	—	—	—	545
Mozambique	—	—	—	—	—	—	—	314	—	—	314
Netherlands	—	0	1,466	81	—	—	47,907	3,614	3,691	—	55,212
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	1	—	—	—	—	—	—	—	—
Nicaragua	—	—	0	—	—	—	—	0	—	—	0
Nigeria	—	—	358	—	—	—	—	—	1,164	—	1,164
Norway	—	—	19	504	—	—	346	—	—	—	346
Pakistan	—	0	0	—	—	—	—	0	—	—	0
Panama	—	0	0	—	—	—	4,576	6,385	5,936	—	16,897
Peru	—	0	722	9	—	—	12,622	307	1,276	—	14,205
Philippines	—	0	101	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	1	2	47	—	—	—	—	0	0	—	0
Romania	—	—	—	—	—	—	1,203	—	—	—	1,203
Saudi Arabia	25	0	4	—	—	—	0	0	—	—	1
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	0	8	18	—	—	—	414	101	1,319	—	1,835
South Africa	—	0	1	0	—	—	—	0	—	—	0
Spain	0	295	—	—	—	—	5,518	987	—	—	6,505
Switzerland	0	0	1	—	—	—	354	—	—	—	354
Taiwan	0	0	1	202	—	—	—	1	—	—	1
Thailand	—	0	0	0	—	—	0	—	—	—	0
Trinidad and Tobago	—	0	0	84	—	—	89	152	200	—	442
Turkey	—	0	2	—	—	—	5,943	322	—	—	6,265
United Arab Emirates	0	0	750	0	—	—	0	0	—	—	0
United Kingdom	—	0	1,600	—	—	—	4,332	136	300	—	4,769
Venezuela	6,469	0	3	—	—	—	1,637	485	1,542	—	3,665
Other	196	5	697	8	—	—	5,379	5,976	1,929	—	13,274
Total	16,468	5,328	17,656	2,797	—	—	262,158	50,646	56,121	—	368,925

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January–December 2012
 (Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	0	—	—	471	0	5,226	—	—
Australia	1	—	—	2	12	1	—	—
Bahamas	0	—	—	567	894	7,069	—	—
Bahrain	—	—	—	0	—	0	—	—
Belgium	—	—	—	—	0	0	—	—
Belize	1	—	—	52	—	20	—	—
Brazil	2	—	—	534	381	393	—	—
Canada	1,458	—	—	20,309	665	9,463	—	—
Cayman Islands	—	—	—	87	240	—	—	—
Chile	10	—	—	1,623	328	1,145	—	—
China	1	—	—	0	2,224	796	—	—
Colombia	2	—	—	284	1,314	0	—	—
Costa Rica	2	—	—	773	6	321	—	—
Denmark	—	—	—	—	—	55	—	—
Dominican Republic	0	—	—	840	552	449	—	—
Ecuador	—	—	—	—	14	2,484	—	—
Egypt	—	—	—	—	0	570	—	—
El Salvador	0	—	—	128	85	1,187	—	—
Finland	0	—	—	304	2	0	—	—
France	—	—	—	749	299	0	—	—
Germany	0	—	—	0	0	0	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	1,275	316	6,720	—	—
Greece	—	—	—	29	—	0	—	—
Guatemala	29	—	—	793	43	1,482	—	—
Honduras	58	—	—	498	4	4,528	—	—
Hong Kong	0	—	—	—	0	1	—	—
India	0	—	—	—	22	0	—	—
Indonesia	0	—	—	0	1	472	—	—
Ireland	—	—	—	—	0	—	—	—
Israel	0	—	—	1,923	15	1	—	—
Italy	—	—	—	13	0	1	—	—
Jamaica	0	—	—	0	1	3,462	—	—
Japan	1	—	—	—	1,380	399	—	—
Korea, South	—	—	—	—	302	0	—	—
Lebanon	0	—	—	1	—	—	—	—
Mexico	68	—	—	1,111	1,106	11,314	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	3,624	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	11	—	—	2,187	2,210	16,735	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	0	0	—	—
Nicaragua	0	—	—	0	—	0	—	—
Nigeria	272	—	—	3,032	—	219	—	—
Norway	—	—	—	782	—	—	—	—
Pakistan	1	—	—	18	—	—	—	—
Panama	0	—	—	4,217	0	15,650	—	—
Peru	1	—	—	839	108	5	—	—
Philippines	—	—	—	—	2	0	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	0	16	147	—	—
Romania	3	—	—	—	—	0	—	—
Saudi Arabia	—	—	—	—	19	0	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	0	326	37,288	—	—
South Africa	—	—	—	40	0	0	—	—
Spain	—	—	—	—	299	40	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	0	—	—	—	3	71	—	—
Thailand	1	—	—	0	3	1	—	—
Trinidad and Tobago	0	—	—	41	1	305	—	—
Turkey	2	—	—	2	0	354	—	—
United Arab Emirates	0	—	—	—	6	0	—	—
United Kingdom	1	—	—	3,948	1	2,402	—	—
Venezuela	0	—	—	—	3,863	598	—	—
Other	79	—	—	976	784	5,244	—	—
Total	2,004	—	—	48,448	17,847	140,242	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January–December 2012
 (Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	4	1	5	392	0	19,097	19,097	—	52	52
Australia	3	2,841	5	326	2	3,692	3,692	—	10	10
Bahamas	—	—	12	22	71	15,034	15,034	—	41	41
Bahrain	0	299	—	12	—	315	315	—	1	1
Belgium	25	2,463	3	1,493	1	7,142	7,142	—	20	20
Belize	0	2	—	15	8	341	341	—	1	1
Brazil	9	12,217	582	2,945	15	60,680	60,680	—	166	166
Canada	1,186	10,370	4,195	5,395	50	125,789	147,657	60	344	403
Cayman Islands	—	—	3	12	38	1,434	1,434	—	4	4
Chile	32	1,857	969	1,067	1	54,189	54,189	—	148	148
China	28	26,179	329	313	7	31,175	31,175	—	85	85
Colombia	4	18	8	1,055	3	27,448	27,448	—	75	75
Costa Rica	1	357	257	197	557	17,381	17,381	—	47	47
Denmark	1	922	4	2	0	985	985	—	3	3
Dominican Republic	1	480	453	167	7	15,285	15,285	—	42	42
Ecuador	1	475	34	435	0	23,058	23,058	—	63	63
Egypt	2	3	2	6	—	1,467	1,467	—	4	4
El Salvador	0	360	—	245	—	3,044	3,044	—	8	8
Finland	—	264	1	64	0	1,393	1,393	—	4	4
France	16	2,202	7	479	0	28,444	28,444	—	78	78
Germany	17	1,632	74	327	10	4,877	4,877	—	13	13
Ghana	—	—	0	3	—	341	341	—	1	1
Gibraltar	—	—	—	—	—	32,385	32,385	—	88	88
Greece	—	3,869	0	3	—	3,902	3,902	—	11	11
Guatemala	1	1,110	32	237	46	16,800	16,800	—	46	46
Honduras	0	627	32	126	—	16,473	16,473	—	45	45
Hong Kong	6	—	27	15	2	56	56	—	0	0
India	78	12,814	6	398	2	13,352	13,352	—	36	36
Indonesia	1	0	46	24	0	555	555	—	2	2
Ireland	—	824	—	1	11	1,300	1,300	—	4	4
Israel	1	1,838	—	652	0	5,334	5,334	—	15	15
Italy	4	9,268	6	225	1	10,844	10,844	—	30	30
Jamaica	0	1	1	96	2	5,189	5,189	—	14	14
Japan	18	20,996	9	252	33	32,581	32,581	—	89	89
Korea, South	3	4,558	93	100	4	5,992	5,992	—	16	16
Lebanon	0	1,746	—	10	—	2,099	2,099	—	6	6
Mexico	420	17,186	1,726	4,574	406	205,534	205,539	0	562	562
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	0	4,129	—	18	—	8,934	8,934	—	24	24
Mozambique	—	802	0	0	—	1,416	1,416	—	4	4
Netherlands	52	3,586	443	69	33	87,592	87,592	—	239	239
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	628	272	20	—	928	928	—	3	3
Nicaragua	—	—	0	78	—	85	85	—	0	0
Nigeria	0	—	5	773	—	7,947	7,947	—	22	22
Norway	1	1,308	11	4	—	2,976	2,976	—	8	8
Pakistan	0	0	1	6	0	26	26	—	0	0
Panama	0	331	178	228	0	46,157	46,157	—	126	126
Peru	1	192	14	823	1	18,085	18,085	—	49	49
Philippines	0	165	0	19	2	319	319	—	1	1
Portugal	0	1,359	—	1	—	1,412	1,412	—	4	4
Puerto Rico	1	1	417	168	0	923	923	—	3	3
Romania	—	1,052	—	3	—	2,262	2,262	—	6	6
Saudi Arabia	0	280	—	183	2	519	519	—	1	1
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	1	1	297	745	1	41,767	41,767	—	114	114
South Africa	8	778	11	249	—	1,104	1,104	—	3	3
Spain	6	8,523	0	21	0	16,676	16,676	—	46	46
Switzerland	0	275	—	3	—	634	634	—	2	2
Taiwan	11	1,874	32	74	3	3,640	3,640	—	10	10
Thailand	1	573	37	46	4	684	684	—	2	2
Trinidad and Tobago	0	1	2	603	1	2,787	2,787	—	8	8
Turkey	0	12,818	0	141	0	19,591	19,591	—	54	54
United Arab Emirates	1	113	5	269	0	1,461	1,461	—	4	4
United Kingdom	31	1,615	18	157	1	15,159	15,159	—	41	41
Venezuela	2	635	6	242	1	31,110	31,110	—	85	85
Other	4	5,349	482	698	148	34,405	34,406	—	92	92
Total	1,982	184,167	11,152	27,326	1,474	1,143,606	1,165,480	60	3,125	3,184

— = No Data Reported.

1 Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

2 Exports include industrial alcohol.

3 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2012
 (Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	3,410	0	0	33	-	-145	-145	-	41	41
Algeria	107	-	-	32	-	-	-	-	-	-
Angola	116	-	-	-	-	-	-	-	-	-
Ecuador	150	0	-	-	-	-15	-15	-	5	5
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	462	-	-	-	-	-	-	-	-	-
Kuwait	254	-	-	-	-	-	-	-	0	0
Libya	7	-	-	-	-	-	-	-	-	-
Nigeria	230	-	-	1	-	-25	-25	-	17	17
Qatar	-	-	-	-	-	-	-	-	0	0
Saudi Arabia	1,030	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	0	-	-	-10	-10	-	-	-
Venezuela	1,054	0	-	-	-	-94	-94	-	19	19
Non-OPEC	4,108	-84	-43	668	-	-382	-382	155	123	278
Argentina	-	-	0	-	-	-5	-5	-	3	3
Aruba	-	-	-	-	-	0	0	-	0	0
Australia	16	0	0	-	-	-10	-10	-	-	-
Bahamas	-	0	-1	21	-	-2	-2	0	-16	-16
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	2	26	-	-	-	5	2	6
Brazil	49	0	-19	-	-	-20	-20	-	-29	-29
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	2,444	-99	164	21	-	18	18	108	21	128
Chad	92	-	-	-	-	-	-	-	-	-
China	-	0	-	-	-	-	-	-	-	-
Colombia	348	0	-	-	-	-18	-18	0	-	0
Denmark	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-40	-	-	-10	-10	0	0	0
Equatorial Guinea	35	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	8	-	-	-	-	3	3
Finland	-	-	-	-	-	0	0	-	-	-
France	-	-1	-23	6	-	-	-	18	-	18
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	0	-	-	-	-	-	-	0	0
Guatemala	17	-	-	-	-	-22	-22	-	-	-
Honduras	-	-	-18	-	-	-2	-2	-	0	0
India	-	-	-	-	-	0	0	-	16	16
Indonesia	-	-	-	-	-	0	0	-	-	-
Italy	-	-	-	-	-	1	1	-	12	12
Japan	-	0	-	-	-	-17	-17	0	0	0
Korea, South	-	0	-	-	-	0	0	-	0	0
Latvia	-	0	-	16	-	-	-	-	-	-
Lithuania	-	-	-	-	-	0	0	-	-	-
Malaysia	-	-	-	-	-	0	0	-	0	0
Mexico	954	8	-77	-	-	-219	-219	-12	-12	-24
Netherlands	-	-1	-19	18	-	-15	-15	13	18	30
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	11	-	0	5	-	7	7	-	13	13
Oman	-	-	-	-	-	-	-	-	0	0
Panama	-	-	-6	-	-	-23	-23	-	0	0
Portugal	-	-	-2	2	-	-	-	-	21	21
Puerto Rico	-	0	-	-	-	-	-	-	0	0
Russia	24	-	-	463	-	0	0	-	11	11
Spain	-	-	-	5	-	2	2	-	17	17
Sweden	-	0	-	-	-	0	0	-	-	-
Trinidad and Tobago	24	0	-	11	-	0	0	-	-	-
United Kingdom	-	-	-	39	-	21	21	32	39	71
Vietnam	15	-	-	-	-	-	-	-	0	0
Virgin Islands, U.S.	-	-	-	-	-	-4	-4	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	79	9	-4	27	-	-64	-64	-9	4	-2
Total	7,519	-84	-43	701	-	-526	-526	155	164	319
Persian Gulf ⁴	1,746	-	0	-	-	-10	-10	-	0	0

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2012
 (Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels			Distillate Fuel Oil ³					
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol ²	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	-13	0	0	-	-	-	-64	-24	-9	-	-97
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-31	-8	-	-	-39
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	0	-	-	-	0
Kuwait	-	-	0	-	-	-	-	-	-	-	-
Libya	-	0	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	0	-	-	-	-	0	-	-	0
United Arab Emirates	0	-	0	-	-	-	-	-	-	-	-
Venezuela	-13	0	-	-	-	-	-34	-15	-9	-	-58
Non-OPEC	-22	-9	-3	-2	7	-	-555	-100	-110	28	-737
Argentina	-1	0	0	-	-	-	-43	-	-	-	-43
Aruba	-	-	0	-	-	-	-3	0	-	-	-3
Australia	0	0	0	-1	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-1	-	-9	-	-10
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	0	0	-	-	-	0	-	-	-	0
Brazil	0	0	26	-	-	-	-20	-	-31	-	-51
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-27	0	0	-	104	-3	22	5	128
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	0	-	-	-	0	0	-	0
Colombia	-	-	-	-	-	-	-66	-6	2	-	-71
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-1	-3	-4	-	-9
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-2	-	-	-	-	-	-	-	-
France	-	0	-	-	-	-	-24	-18	-	2	-40
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	0	0	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-3	-1	-1	-	-5
Honduras	-	-	-	-	-	-	-	-	-4	-	-4
India	-	0	0	-	-	-	0	-	-	-	0
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	0	-	-	-	-	-	7	-	-	7
Japan	-	-9	0	-	-	-	-	-	0	-	0
Korea, South	-	0	0	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	-	-	-	-	0	-	-	-	0
Mexico	-20	0	0	0	-	-	-91	-17	-40	6	-142
Netherlands	-	0	-4	-	-	-	-189	-1	-3	-	-193
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	0	-	-	0	-	-	-	0
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	0	-	-	-	-	-5	-30	-17	-	-52
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	0	0	-	-	-	-	-	-	-	-
Russia	-	0	-	-	-	-	9	6	0	10	25
Spain	-	-	-	-	-	-	0	-	-	-	0
Sweden	-	-	-3	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-5	-	-	-5
United Kingdom	-	-	0	-	-	-	0	-	-	-	0
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-3	-	-	-3
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-1	0	7	-1	7	-	-222	-26	-25	5	-266
Total	-35	-9	-3	-2	7	-	-619	-123	-119	28	-834
Persian Gulf ⁴	0	-	0	-	-	-	0	0	-	-	0

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2012
 (Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	-9	-	-	9	-11	0	0	23
Algeria	-	-	-	-	-	17	-	23
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	0	-7	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	9	-	-
Nigeria	-9	-	-	-8	-	-	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	1	2	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-
Venezuela	0	-	-	17	-13	-19	0	0
Non-OPEC	-5	0	-	-140	-25	-291	21	4
Argentina	-	-	-	-	-	-	1	-
Aruba	-	-	-	-3	-	-18	-	-
Australia	-	-	-	-	0	0	-	-
Bahamas	-	-	-	-1	-4	3	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	0	-	2	-
Brazil	-	-	-	-	0	5	-	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	1	-
Canada	-5	0	-	-56	-1	24	3	2
Chad	-	-	-	-	-	1	-	-
China	0	-	-	-	0	0	-	-
Colombia	-	-	-	-	-	29	-	-
Denmark	-	-	-	-	-	-2	-	-
Dominican Republic	-	-	-	-3	-	-	-	-
Equatorial Guinea	-	-	-	-	-	0	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-10	-	-	-	2
Gabon	-	-	-	-	-	2	-	-
Germany	-	-	-	-	-	-	0	-
Guatemala	-	-	-	-4	-	-8	-	-
Honduras	0	-	-	-1	-	-9	-	-
India	-	-	-	11	0	-	1	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	10	-	-
Japan	-	-	-	-	-2	0	0	-
Korea, South	-	-	-	21	-6	0	3	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	0	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-
Mexico	0	-	-	-2	-1	-38	5	-
Netherlands	-	-	-	-30	-	-63	3	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-
Oman	-	-	-	-	0	0	-	-
Panama	-	-	-	-12	-	-53	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	0	0	-	-
Russia	-	-	-	-	-	0	-	-
Spain	-	-	-	-	1	-	-	-
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	10	-	-
United Kingdom	-	-	-	-39	0	8	1	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-11	-12	-192	1	0
Total	-14	0	-	-131	-37	-291	21	27
Persian Gulf ⁴	-	-	-	1	2	-	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2012
 (Thousand Barrels per Day) — Continued

Country of Origin							Total Crude Oil and Products
	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	
OPEC	0	-3	0	-5	0	-176	3,235
Algeria	-	-	-	0	-	72	179
Angola	-	-	-	0	-	0	116
Ecuador	0	0	0	-1	-	-57	93
Iran	-	-	-	-	-	-	-
Iraq	-	-	0	0	-	0	462
Kuwait	-	0	-	0	-	0	254
Libya	-	-	-	0	-	9	16
Nigeria	-	-	0	-3	-	-27	203
Qatar	-	-	-	0	-	0	0
Saudi Arabia	-	-4	-	0	0	-2	1,028
United Arab Emirates	0	-	-	-1	0	-11	-11
Venezuela	-	1	-	0	0	-160	894
Non-OPEC	1	-555	0	-39	-1	-1,356	2,752
Argentina	0	7	0	-1	0	-38	-38
Aruba	-	-	-	0	-	-24	-24
Australia	0	-9	0	0	-	-20	-4
Bahamas	-	-	0	0	0	-10	-10
Bahrain	0	-	-	2	-	2	2
Belgium	0	0	-	-3	-	33	33
Brazil	0	-12	0	-8	0	-109	-60
Brunei	-	-	-	0	-	0	0
Cameroon	-	-	-	0	-	1	1
Canada	-2	-49	16	-4	0	263	2,708
Chad	-	-	-	-	-	1	94
China	3	-82	-1	-1	0	-81	-81
Colombia	0	0	0	-3	0	-63	286
Denmark	0	-5	0	0	-	-7	-7
Dominican Republic	0	-	-1	0	-	-64	-64
Equatorial Guinea	-	-	-	0	-	0	35
Estonia	-	-	-	-	-	11	11
Finland	-	-	-	0	-	-2	-2
France	0	0	-	0	-	-49	-49
Gabon	-	-4	0	0	-	-3	-3
Germany	0	-9	0	0	0	-9	-9
Guatemala	0	-5	0	-1	0	-44	-27
Honduras	-	-	-	0	-	-34	-34
India	0	-42	0	-1	0	-15	-15
Indonesia	0	0	0	0	-	0	0
Italy	0	-23	0	0	0	8	8
Japan	1	-64	0	-2	0	-92	-92
Korea, South	0	-9	0	12	0	20	20
Latvia	-	-	-	0	0	16	16
Lithuania	-	-	-	0	-	0	0
Malaysia	0	-	0	0	0	0	0
Mexico	-1	-56	-4	-12	-1	-584	370
Netherlands	-1	-9	0	1	0	-282	-282
Netherlands Antilles	-	-	-	-	-	-	-
Norway	0	-4	-	0	-	20	31
Oman	-	0	-	0	-	0	0
Panama	0	0	-	-1	-	-147	-147
Portugal	0	-4	-	-	-	17	17
Puerto Rico	0	-	-	-1	0	-1	-1
Russia	0	-	0	0	-	499	523
Spain	0	-29	-	0	-	-4	-4
Sweden	0	-	-	0	-	-3	-3
Trinidad and Tobago	-	-	0	-1	0	16	40
United Kingdom	0	0	0	1	-	100	100
Vietnam	-	-	0	0	-	0	15
Virgin Islands, U.S.	-	-	-	0	-	-6	-6
Yemen	-	0	-	0	-	0	0
Other	1	-147	-10	-16	0	-672	-596
Total	1	-558	0	-44	-1	-1,531	5,987
Persian Gulf⁴	0	-4	0	1	0	-11	1,735

- = No Data Reported.

1 Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

2 Exports include industrial alcohol.

3 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January–December 2012
 (Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	4,019	8	-12	84	0	-51	-51	-	45	45
Algeria	120	2	4	61	-	-	-	-	1	1
Angola	221	-	0	9	-	-	-	-	0	0
Ecuador	174	0	-12	-	-	-10	-10	-	3	3
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	474	0	-	-	-	-	-	-	0	0
Kuwait	306	0	-	1	-	-	-	-	0	0
Libya	56	-	-	2	-	-	-	-	0	0
Nigeria	405	3	0	5	-	-6	-6	-	26	26
Qatar	-	-	0	-	0	0	0	-	0	0
Saudi Arabia	1,356	0	0	1	-	0	0	-	0	0
United Arab Emirates	-	1	0	0	-	-1	-1	-	0	0
Venezuela	906	2	-5	6	-	-34	-34	-	15	15
Non-OPEC	4,413	-92	-13	519	-2	-314	-316	133	356	489
Argentina	21	0	0	0	-	-4	-4	-	1	1
Aruba	-	0	0	10	0	0	0	0	1	1
Australia	6	0	0	-	0	-1	-1	0	0	0
Bahamas	-	0	0	3	0	-3	-3	0	-2	-1
Bahrain	-	-	-	-	0	0	0	-	0	0
Belgium	-	0	0	37	-	0	0	1	10	11
Brazil	187	0	-14	1	-	-17	-17	0	-10	-9
Brunei	2	-	-	-	-	-	-	-	-	-
Cameroon	31	-	-	2	-	-	-	-	0	0
Canada	2,348	-111	142	9	0	9	9	73	41	114
Chad	28	-	-	-	-	-	-	-	-	-
China	1	0	-3	0	0	0	0	-	0	0
Colombia	401	0	0	5	-	-8	-8	0	2	2
Denmark	-	0	0	-	-	-	-	-	0	0
Dominican Republic	-	0	-18	-	-	-3	-3	0	0	0
Equatorial Guinea	41	-	-	-	-	-	-	-	-	-
Estonia	-	0	-	9	-	-	-	-	0	0
Finland	-	0	-	1	-	0	0	3	15	18
France	-	0	-7	8	0	0	0	4	21	24
Gabon	42	-	-	0	-	-	-	0	1	1
Germany	-	0	0	0	-	0	0	0	2	2
Guatemala	11	0	0	-	-	-18	-18	0	0	0
Honduras	-	0	-12	-	0	-7	-7	-	0	0
India	-	0	0	7	-	0	0	0	30	30
Indonesia	6	-	-	0	-	0	0	-	-	-
Italy	1	0	0	3	-	8	8	-	19	19
Japan	-	0	-7	-	0	-6	-6	0	0	0
Korea, South	-	0	-2	0	-	0	0	0	3	3
Latvia	-	0	-	1	-	0	0	-	6	6
Lithuania	-	-	-	-	-	0	0	0	1	1
Malaysia	-	0	0	-	-	0	0	-	1	1
Mexico	972	6	-48	3	-1	-209	-210	-8	-25	-33
Netherlands	-	0	-12	10	-	1	1	10	68	78
Netherlands Antilles	-	-	-	-	-	-	-	-	1	1
Norway	26	0	1	16	-	3	3	0	26	26
Oman	10	-	-	-	-	-	-	-	0	0
Panama	-	0	-4	-	-	-20	-20	-	0	0
Portugal	-	-	0	2	-	2	2	-	12	12
Puerto Rico	-	0	0	-	0	0	0	0	0	0
Russia	101	-	0	333	-	1	1	0	14	14
Spain	-	-	-2	2	-	2	2	0	33	34
Sweden	-	0	-	4	-	0	0	0	4	4
Trinidad and Tobago	26	0	0	17	0	-4	-4	-	0	0
United Kingdom	18	0	-2	11	0	12	12	49	61	109
Vietnam	10	0	-	-	-	0	0	-	0	0
Virgin Islands, U.S.	-	-	0	-	0	-1	-1	3	5	8
Yemen	-	0	-	-	-	-	-	-	-	-
Other	124	13	-25	25	-1	-51	-52	-2	15	12
Total	8,432	-85	-26	603	-2	-364	-366	133	401	534
Persian Gulf ⁴	2,136	1	0	2	0	-1	-1	-	0	0

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January–December 2012
 (Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels			Distillate Fuel Oil ³					
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen- ates	Fuel Ethanol ²	Biomass- Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	-18	0	-3	0	-	-	-18	-9	-13	-	-41
Algeria	-	-	-	-	-	-	-1	-	-	-	-1
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	0	0	0	-	-	-19	-7	-6	-	-32
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	0	-	-	-	0
Kuwait	-	-	0	-	-	-	0	-	0	-	0
Libya	-	0	-	-	-	-	-	-	-1	-	-1
Nigeria	-	-	-1	-	-	-	-	-	-3	-	-3
Qatar	-	-	-	-	-	-	1	-	-	-	1
Saudi Arabia	0	0	0	-	-	-	0	0	-	-	0
United Arab Emirates	0	0	-2	0	-	-	0	0	-	-	0
Venezuela	-18	0	0	-	-	-	0	-1	-4	-	-6
Non-OPEC	-27	-15	-13	-5	2	-	-617	-119	-110	4	-842
Argentina	0	0	0	-	-	-	-22	-5	-4	-	-31
Aruba	-	-	0	-	0	-	0	1	-	-	1
Australia	0	0	0	0	-	-	-	0	-	-	0
Bahamas	0	0	0	0	-	-	-2	-6	-2	-	-11
Bahrain	-	-	0	-	-	-	-	-	-	-	-
Belgium	0	0	0	-	-	-	-5	-1	-	-	-6
Brazil	0	0	21	0	-	-	-25	-8	-38	-	-71
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	0	-	-	-	-	0	-	-	-	0
Canada	-	0	-20	-4	0	-	68	-1	21	0	89
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	0	-	-	0	0	0	-	0
Colombia	-	0	0	0	-	-	-53	-4	-2	0	-59
Denmark	-	0	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-3	-7	-2	-	-12
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	0	-2	0	1	-	0	-	-	-	0
France	-	0	0	-	-	-	-56	-3	-1	0	-60
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	0	0	0	-	-	-	-8	0	0	-	-8
Guatemala	-	0	0	0	-	-	-4	-6	-7	-	-17
Honduras	-	-	0	-	-	-	-1	-5	-4	-	-10
India	0	0	0	-	-	-	0	0	1	-	1
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	0	-	-	-	-	-4	2	-	-	-1
Japan	0	-13	0	-	-	-	2	0	0	-	2
Korea, South	0	0	-1	-	-	-	1	0	0	0	1
Latvia	-	-	-	-	-	-	-	0	-	-	0
Lithuania	-	0	0	-	-	-	0	-	-	-	0
Malaysia	-	0	-	-	-	-	0	-	1	-	1
Mexico	-23	-1	-2	0	-	-	-109	-17	-6	1	-132
Netherlands	-	0	-4	0	-	-	-131	-9	-10	-	-150
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	0	-1	-	-	-1	-	-	-	-1
Oman	-	-	-2	-	-	-	-	-	-	-	-
Panama	-	0	0	-	-	-	-13	-17	-16	-	-46
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	0	0	-	-	-	-	0	0	-	0
Russia	-	0	-	-	-	-	2	1	1	2	5
Spain	0	-1	-	-	-	-	-15	-3	-	-	-18
Sweden	-	-	0	-	-	-	-	-	0	-	0
Trinidad and Tobago	-	0	0	0	-	-	0	0	-1	0	-1
United Kingdom	-	0	-4	-	-	-	-12	0	-1	-	-13
Vietnam	-	0	0	-	-	-	-	0	-	-	0
Virgin Islands, U.S.	-	-	0	-	-	-	-6	-5	-1	-	-11
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-4	0	1	0	1	-	-220	-26	-39	1	-284
Total	-45	-15	-16	-6	2	-	-635	-128	-124	4	-883
Persian Gulf ⁴	0	0	-2	0	-	-	1	0	0	-	1

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January–December 2012
 (Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	-1	-	-	0	-9	32	3	26
Algeria	-	-	-	-	0	29	-	26
Angola	-	-	-	-	0	2	-	-
Ecuador	-	-	-	-	0	-6	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	0	-	-	-	0	1	-	-
Libya	-	-	-	-	-	3	-	-
Nigeria	-1	-	-	-8	-	1	1	-
Qatar	0	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	1	1	0	0	-
United Arab Emirates	0	-	-	-	0	2	-	-
Venezuela	0	-	-	7	-11	1	2	0
Non-OPEC	-3	0	-	-77	-28	-166	29	14
Argentina	0	-	-	-1	0	-14	0	1
Aruba	0	-	-	-1	-	-6	-	-
Australia	0	-	-	0	0	0	-	-
Bahamas	0	-	-	-2	-2	-11	-	-
Bahrain	-	-	-	0	-	0	-	-
Belgium	-	-	-	-	0	2	1	-
Brazil	0	-	-	-1	-1	4	1	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	0	-
Canada	-3	0	-	-53	1	38	4	4
Chad	-	-	-	-	-	2	-	-
China	0	-	-	0	-6	-2	-	-
Colombia	0	-	-	-1	-4	23	-	-
Denmark	-	-	-	-	-	0	-	-
Dominican Republic	0	-	-	-2	-2	-1	-	-
Equatorial Guinea	-	-	-	-	-	0	-	-
Estonia	-	-	-	-	-	5	-	-
Finland	0	-	-	-1	0	0	-	-
France	-	-	-	-2	-1	1	0	1
Gabon	-	-	-	-	-	1	-	-
Germany	0	-	-	0	0	0	0	-
Guatemala	0	-	-	-2	0	-4	-	-
Honduras	0	-	-	-1	0	-12	-	-
India	0	-	-	2	0	0	0	-
Indonesia	0	-	-	0	0	-1	-	-
Italy	-	-	-	0	0	2	0	-
Japan	0	-	-	5	-3	-1	0	-
Korea, South	-	-	-	34	3	0	5	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	0	-	-	0	0	-	-	-
Malaysia	-	-	-	1	0	0	-	-
Mexico	0	-	-	-3	-3	2	8	-
Netherlands	0	-	-	-6	-6	-43	1	0
Netherlands Antilles	-	-	-	-	-	0	-	-
Norway	-	-	-	-2	-	-	1	2
Oman	-	-	-	-	0	0	-	-
Panama	0	-	-	-12	0	-43	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	0	0	0	-	-
Russia	0	-	-	-	-	16	1	6
Spain	-	-	-	-	0	0	0	-
Sweden	-	-	-	-	-	2	-	-
Trinidad and Tobago	0	-	-	0	0	23	-	-
United Kingdom	0	-	-	-11	0	-3	1	-
Vietnam	-	-	-	-	-	0	-	-
Virgin Islands, U.S.	0	-	-	0	-	0	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-18	-4	-146	6	0
Total	-4	0	-	-77	-37	-134	32	40
Persian Gulf ⁴	0	-	-	1	1	2	0	-

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January–December 2012
 (Thousand Barrels per Day) — Continued

Country of Origin							Total Crude Oil and Products
	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	
OPEC	0	-4	0	0	0	59	4,078
Algeria	0	0	0	0	—	122	241
Angola	—	—	0	0	—	11	232
Ecuador	0	-1	0	-1	0	-59	115
Iran	—	—	—	—	—	—	—
Iraq	—	0	0	0	—	0	474
Kuwait	0	0	0	0	—	2	308
Libya	—	—	—	0	—	5	60
Nigeria	0	—	0	-2	—	14	419
Qatar	0	-1	0	4	—	4	4
Saudi Arabia	0	-1	—	0	0	2	1,358
United Arab Emirates	0	0	0	-1	0	-1	-1
Venezuela	0	-1	0	0	0	-40	867
Non-OPEC	-1	-489	0	-45	-4	-1,079	3,334
Argentina	0	2	0	-1	0	-47	-26
Aruba	—	—	0	0	—	6	6
Australia	0	-8	0	-1	0	-10	-4
Bahamas	—	—	0	0	0	-28	-28
Bahrain	0	-1	—	2	—	1	1
Belgium	0	-7	0	-4	0	34	34
Brazil	0	-33	-2	-8	0	-128	58
Brunei	—	0	—	0	—	0	2
Cameroon	—	—	0	0	—	3	34
Canada	-2	-25	18	-8	0	203	2,551
Chad	—	—	—	0	—	2	30
China	2	-72	-1	-1	0	-83	-82
Colombia	0	0	0	-3	0	-45	357
Denmark	0	-3	0	0	0	-2	-2
Dominican Republic	0	-1	-1	0	0	-41	-41
Equatorial Guinea	—	0	—	0	—	0	41
Estonia	0	—	—	0	—	14	14
Finland	—	-1	0	0	0	16	16
France	0	-6	0	-1	0	-43	-43
Gabon	—	0	0	0	—	1	43
Germany	0	-4	0	-1	0	-10	-10
Guatemala	0	-3	0	-1	0	-46	-35
Honduras	0	-2	0	0	—	-45	-45
India	0	-35	0	-1	0	3	3
Indonesia	0	0	0	1	0	0	5
Italy	0	-25	0	0	0	5	6
Japan	0	-57	0	-1	0	-80	-80
Korea, South	0	-12	0	11	0	42	42
Latvia	0	—	—	0	0	8	8
Lithuania	—	—	0	0	—	1	1
Malaysia	0	0	0	0	0	2	2
Mexico	-1	-46	-5	-12	-1	-502	469
Netherlands	0	-10	-1	0	0	-140	-140
Netherlands Antilles	—	—	—	—	—	1	1
Norway	0	-4	0	0	—	42	67
Oman	—	0	—	0	—	-2	8
Panama	0	-1	0	-1	0	-126	-126
Portugal	0	-4	—	0	—	12	12
Puerto Rico	0	0	-1	0	0	-3	-3
Russia	0	—	0	0	—	376	477
Spain	0	-23	0	0	0	-4	-4
Sweden	0	-1	—	0	0	9	9
Trinidad and Tobago	0	0	0	-2	0	33	59
United Kingdom	0	-4	0	0	0	95	113
Vietnam	0	0	0	0	0	0	10
Virgin Islands, U.S.	—	1	0	0	—	-3	-3
Yemen	—	0	—	0	—	0	0
Other	0	-104	-7	-13	-3	-600	-473
Total	-1	-493	0	-45	-4	-1,020	7,412
Persian Gulf⁴	0	-3	0	4	0	8	2,144

— = No Data Reported.

1 Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

2 Exports include industrial alcohol.

3 Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, December 2012
 (Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	8,257	115,539	861,808	18,214	56,432	1,060,250
Refinery	7,045	12,496	43,001	2,449	23,982	88,973
Tank Farms and Pipelines (Includes Cushing, OK)	1,054	99,132	104,662	11,896	25,524	242,268
Cushing, Oklahoma	—	49,903	—	—	—	49,903
Leases	158	3,911	18,877	3,869	576	27,391
Strategic Petroleum Reserve ¹	—	—	695,268	—	—	695,268
Alaskan In Transit	—	—	—	—	6,350	6,350
Total Stocks, All Oils (excluding Crude Oil)²	143,992	171,879	316,212	20,163	94,259	746,505
Refinery	20,181	49,184	118,244	12,270	51,764	251,643
Bulk Terminal	96,704	87,828	146,040	4,799	37,297	372,668
Pipeline	27,011	33,745	48,624	2,969	5,017	117,366
Natural Gas Processing Plant	96	1,122	3,304	125	181	4,828
Pentanes Plus	33	6,686	5,638	194	51	12,602
Refinery	—	366	482	35	1	884
Bulk Terminal	17	1,111	3,432	4	15	4,579
Pipeline	—	5,100	1,539	117	—	6,756
Natural Gas Processing Plant	16	109	185	38	35	383
Liquefied Petroleum Gases	6,340	37,012	91,540	1,276	4,683	140,851
Refinery	803	4,649	8,511	464	1,803	16,230
Bulk Terminal	5,034	24,118	71,450	7	2,734	103,343
Pipeline	423	7,232	8,460	718	—	16,833
Natural Gas Processing Plant	80	1,013	3,119	87	146	4,445
Ethane/Ethylene	—	3,590	31,406	400	—	35,396
Refinery	—	—	214	—	—	214
Bulk Terminal	—	2,147	27,365	—	—	29,512
Ethylene	—	—	1,521	—	—	1,521
Pipeline	—	1,223	3,212	398	—	4,833
Natural Gas Processing Plant	—	220	615	2	—	837
Propane/Propylene	5,184	22,020	38,508	363	1,915	67,990
Refinery	259	2,364	1,691	103	156	4,573
Bulk Terminal	4,443	14,620	32,087	3	1,701	52,854
Nonfuel Use	—	—	3,653	—	—	3,653
Pipeline	406	4,498	3,513	202	—	8,619
Natural Gas Processing Plant	76	538	1,217	55	58	1,944
Normal Butane/Butylene	843	9,049	16,178	366	2,249	28,685
Refinery	356	1,819	5,226	267	1,191	8,859
Bulk Terminal	468	6,135	9,276	3	1,013	16,895
Refinery Grade Butane	—	3,240	2,279	—	—	5,519
Pipeline	17	940	994	73	—	2,024
Natural Gas Processing Plant	2	155	682	23	45	907
Isobutane/Isobutylene	313	2,353	5,448	147	519	8,780
Refinery	188	466	1,380	94	456	2,584
Bulk Terminal	123	1,216	2,722	1	20	4,082
Pipeline	—	571	741	45	—	1,357
Natural Gas Processing Plant	2	100	605	7	43	757
Other Hydrocarbons	—	42	—	—	—	42
Refinery	—	42	—	—	—	42
Oxygenates (excluding Fuel Ethanol)	—	—	836	—	—	836
Refinery	—	—	112	—	—	112
Bulk Terminal	—	—	724	—	—	724
Pipeline	—	—	—	—	—	—
MTBE	—	—	605	—	—	605
Refinery	—	—	112	—	—	112
Bulk Terminal ³	—	—	493	—	—	493
Pipeline	—	—	—	—	—	—
Other Oxygenates⁴	—	—	231	—	—	231
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	231	—	—	231
Pipeline	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	7,809	8,048	3,662	305	3,022	22,846
Refinery	176	86	168	103	217	750
Bulk Terminal	7,633	7,962	3,493	202	2,805	22,095
Pipeline	—	—	1	—	—	1
Fuel Ethanol	7,195	7,367	3,103	301	2,711	20,677
Refinery	173	75	140	101	36	525
Bulk Terminal	7,022	7,292	2,962	200	2,675	20,151
Pipeline	—	—	1	—	—	1
Renewable Diesel Fuel	614	681	554	4	311	2,164
Refinery	3	11	28	2	181	225
Bulk Terminal	611	670	526	2	130	1,939
Pipeline	—	—	—	—	—	—
Other Renewable Fuels	—	—	5	—	—	5
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	5	—	—	5
Pipeline	—	—	—	—	—	—

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, December 2012
 (Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	5,889	12,545	42,805	3,918	16,522	81,679
Naphthas and Lighter	1,331	3,208	9,431	1,004	4,114	19,088
Refinery	940	3,208	8,921	1,004	3,906	17,979
Bulk Terminal	391	—	510	—	208	1,109
Kerosene and Light Gas Oils	710	2,596	8,711	524	2,783	15,324
Refinery	361	2,490	8,630	524	2,783	14,788
Bulk Terminal	349	106	81	—	—	536
Heavy Gas Oils	2,335	3,924	19,431	1,779	7,624	35,093
Refinery	2,074	3,799	16,752	1,779	7,624	32,028
Bulk Terminal	261	125	2,679	—	—	3,065
Residuum	1,513	2,817	5,232	611	2,001	12,174
Refinery	1,197	2,817	5,232	611	2,001	11,858
Bulk Terminal	316	—	—	—	—	316
Motor Gasoline Blending Components	46,016	29,571	64,203	3,177	31,070	174,037
Refinery	6,406	10,289	24,257	2,298	14,741	57,991
Bulk Terminal	29,704	13,218	24,034	602	14,439	81,997
Pipeline	9,906	6,064	15,912	277	1,890	34,049
Reformulated - RBOB	16,333	6,092	10,954	—	17,193	50,572
Refinery	2,619	1,243	1,681	—	5,683	11,226
Bulk Terminal	9,916	3,818	4,222	—	10,023	27,979
Pipeline	3,798	1,031	5,051	—	1,487	11,367
Conventional	29,683	23,479	53,249	3,177	13,877	123,465
Refinery	3,787	9,046	22,576	2,298	9,058	46,765
Bulk Terminal	19,788	9,400	19,812	602	4,416	54,018
Pipeline	6,108	5,033	10,861	277	403	22,682
CBOB	22,258	15,357	26,340	1,338	5,082	70,375
Refinery	536	3,337	8,861	575	1,375	14,684
Bulk Terminal	15,614	8,078	7,806	486	3,306	35,290
Pipeline	6,108	3,942	9,673	277	401	20,401
GTAB	717	—	—	—	—	717
Refinery	—	—	—	—	—	—
Bulk Terminal	717	—	—	—	—	717
Pipeline	—	—	—	—	—	—
Other	6,708	8,122	26,909	1,839	8,795	52,373
Refinery	3,251	5,709	13,715	1,723	7,683	32,081
Bulk Terminal	3,457	1,322	12,006	116	1,110	18,011
Pipeline	—	1,091	1,188	—	2	2,281
Aviation Gasoline Blending Components	—	—	27	—	—	27
Refinery	—	—	27	—	—	27
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	8,089	24,316	16,281	4,184	3,947	56,817
Refinery	579	3,741	4,484	1,675	1,576	12,055
Bulk Terminal	3,667	14,067	6,154	1,424	2,007	27,319
Pipeline	3,843	6,508	5,643	1,085	364	17,443
Reformulated	28	—	—	—	15	43
Refinery	—	—	—	—	15	15
Bulk Terminal	28	—	—	—	—	28
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	28	—	—	—	15	43
Refinery	—	—	—	—	15	15
Bulk Terminal	28	—	—	—	—	28
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	8,061	24,316	16,281	4,184	3,932	56,774
Refinery	579	3,741	4,484	1,675	1,561	12,040
Bulk Terminal	3,639	14,067	6,154	1,424	2,007	27,291
Pipeline	3,843	6,508	5,643	1,085	364	17,443
Conventional (Blended with Fuel Ethanol)	26	179	102	50	—	357
Refinery	—	—	—	50	—	50
Bulk Terminal	26	179	102	—	—	307
Pipeline	—	—	—	—	—	—
Ed55 and Lower	26	179	102	50	—	357
Refinery	—	—	—	50	—	50
Bulk Terminal	26	179	102	—	—	307
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional (Other)	8,035	24,137	16,179	4,134	3,932	56,417
Refinery	579	3,741	4,484	1,625	1,561	11,990
Bulk Terminal	3,613	13,888	6,052	1,424	2,007	26,984
Pipeline	3,843	6,508	5,643	1,085	364	17,443

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, December 2012
 (Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	144	202	445	20	232	1,043
Refinery	—	76	349	20	129	574
Bulk Terminal	144	126	96	—	103	469
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,506	6,997	13,010	649	10,298	39,460
Refinery	588	1,935	5,509	375	4,562	12,969
Bulk Terminal	4,100	3,141	2,640	223	4,887	14,991
Pipeline	3,818	1,921	4,861	51	849	11,500
Kerosene	1,161	222	291	1	48	1,723
Refinery	119	179	48	1	15	362
Bulk Terminal	1,003	43	243	—	33	1,322
Pipeline	39	—	—	—	—	39
Distillate Fuel Oil ²	45,074	31,414	38,803	4,099	15,352	134,742
Refinery	3,804	7,301	13,914	1,993	6,462	33,474
Bulk Terminal	32,288	17,193	12,686	1,385	6,976	70,528
Pipeline	8,982	6,920	12,203	721	1,914	30,740
15 ppm sulfur and Under	26,049	29,512	30,663	3,808	12,666	102,698
Refinery	1,966	6,355	10,412	1,755	4,814	25,302
Bulk Terminal	17,287	16,878	9,948	1,341	6,086	51,540
Pipeline	6,796	6,279	10,303	712	1,766	25,856
Greater than 15 ppm to 500 ppm sulfur	1,305	1,138	2,291	156	1,119	6,009
Refinery	204	246	1,053	103	534	2,140
Bulk Terminal	1,027	252	854	44	554	2,731
Pipeline	74	640	384	9	31	1,138
Greater than 500 ppm sulfur	17,720	764	5,849	135	1,567	26,035
Refinery	1,634	700	2,449	135	1,114	6,032
Bulk Terminal	13,974	63	1,884	—	336	16,257
Pipeline	2,112	1	1,516	—	117	3,746
Residual Fuel Oil ⁵	9,526	1,377	18,032	206	4,804	33,945
Refinery	841	1,079	4,356	206	2,965	9,447
Bulk Terminal	8,685	298	13,676	—	1,839	24,498
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	1,524	140	1,635	22	346	3,667
Refinery	158	—	101	22	94	375
Bulk Terminal	1,366	140	1,534	—	252	3,292
0.31% to 1.00% Sulfur	2,494	190	2,478	4	801	5,967
Refinery	409	92	358	4	621	1,484
Bulk Terminal	2,085	98	2,120	—	180	4,483
Greater than 1.00% Percent Sulfur	5,508	1,047	13,919	180	3,657	24,311
Refinery	274	987	3,897	180	2,250	7,588
Bulk Terminal	5,234	60	10,022	—	1,407	16,723
Petrochemical Feedstocks	179	653	2,950	—	1	3,783
Refinery	179	653	2,950	—	1	3,783
Naphtha for Petrochemical Feedstock Use	179	535	1,473	—	1	2,188
Other Oils for Petrochemical Feedstock Use	—	118	1,477	—	—	1,595
Special Naphthas	26	139	1,035	—	28	1,228
Refinery	17	87	723	—	28	855
Bulk Terminal	9	52	312	—	—	373
Lubricants	1,140	547	7,022	1	852	9,562
Refinery	671	76	5,117	1	555	6,420
Bulk Terminal	469	471	1,905	—	297	3,142
Waxes	228	18	281	—	—	527
Refinery	228	18	281	—	—	527
Petroleum Coke	—	1,783	4,759	77	1,492	8,111
Refinery	—	1,783	4,759	77	1,492	8,111
Asphalt and Road Oil	3,794	10,215	4,270	2,037	1,773	22,089
Refinery	1,160	4,418	2,345	1,085	819	9,827
Bulk Terminal	2,634	5,797	1,925	952	954	12,262
Miscellaneous Products	38	92	322	19	84	555
Refinery	38	92	317	19	84	550
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	5	—	—	5
Total Stocks, All Oils	152,249	287,418	1,178,020	38,377	150,691	1,806,755

— = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

3 Includes stocks held by merchant producers.

4 Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

5 Sulfur content not available for stocks held by pipelines.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, December 2012
 (Thousands Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	28	4,218	4,246	12,535	23,575	36,110	1,122
Connecticut	—	—	—	1,075	—	1,075	5
Delaware	—	—	—	692	755	1,447	106
District of Columbia	—	—	—	—	—	—	—
Florida	—	747	747	—	4,523	4,523	—
Georgia	—	220	220	4	2,600	2,604	14
Maine	—	152	152	—	444	444	89
Maryland	—	—	—	770	104	874	25
Massachusetts	3	—	3	1,208	—	1,208	11
New Hampshire	—	—	—	—	—	—	33
New Jersey	—	795	795	4,894	5,636	10,530	37
New York	25	546	571	520	1,208	1,728	338
North Carolina	—	317	317	—	2,118	2,118	248
Pennsylvania	—	820	820	1,499	4,157	5,656	150
Rhode Island	—	—	—	488	—	488	—
South Carolina	—	288	288	—	914	914	35
Vermont	—	26	26	—	—	—	4
Virginia	—	248	248	1,385	920	2,305	27
West Virginia	—	59	59	—	196	196	—
PAD District 2	—	17,808	17,808	5,061	18,446	23,507	222
Illinois	—	1,161	1,161	2,539	3,092	5,631	179
Indiana	—	1,305	1,305	799	3,376	4,175	—
Iowa	—	1,773	1,773	—	45	45	—
Kansas	—	3,401	3,401	—	464	464	20
Kentucky	—	360	360	596	1,004	1,600	6
Michigan	—	1,295	1,295	79	1,714	1,793	—
Minnesota	—	1,437	1,437	—	1,223	1,223	—
Missouri	—	567	567	271	177	448	—
Nebraska	—	917	917	—	51	51	—
North Dakota	—	549	549	—	302	302	—
Ohio	—	1,793	1,793	36	3,140	3,176	—
Oklahoma	—	2,163	2,163	—	535	535	5
South Dakota	—	421	421	—	14	14	—
Tennessee	—	290	290	—	1,833	1,833	12
Wisconsin	—	376	376	741	1,476	2,217	—
PAD District 3	—	10,638	10,638	5,903	42,388	48,291	291
Alabama	—	230	230	—	922	922	12
Arkansas	—	741	741	—	609	609	—
Louisiana	—	1,448	1,448	542	9,334	9,876	1
Mississippi	—	873	873	—	1,602	1,602	—
New Mexico	—	319	319	—	463	463	—
Texas	—	7,027	7,027	5,361	29,458	34,819	278
PAD District 4	—	3,099	3,099	—	2,900	2,900	1
Colorado	—	626	626	—	772	772	—
Idaho	—	273	273	—	31	31	—
Montana	—	1,101	1,101	—	609	609	—
Utah	—	617	617	—	860	860	1
Wyoming	—	482	482	—	628	628	—
PAD District 5	15	3,568	3,583	15,706	13,474	29,180	48
Alaska	—	828	828	—	—	—	33
Arizona	—	126	126	701	460	1,161	—
California	15	271	286	14,802	7,656	22,458	15
Hawaii	—	11	11	—	873	873	—
Nevada	—	344	344	12	193	205	—
Oregon	—	218	218	—	1,722	1,722	—
Washington	—	1,770	1,770	191	2,570	2,761	—
U.S. Total	43	39,331	39,374	39,205	100,783	139,988	1,684

See footnotes at end of table.

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, December 2012
 (Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane/Propylene
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	19,253	1,231	15,608	36,092	9,526	4,778
Connecticut	401	4	1,301	1,706	26	—
Delaware	398	38	223	659	272	19
District of Columbia	—	—	—	—	—	—
Florida	2,014	109	74	2,197	1,743	25
Georgia	1,321	28	—	1,349	518	11
Maine	292	23	948	1,263	172	—
Maryland	684	5	771	1,460	364	3
Massachusetts	698	78	1,279	2,055	74	—
New Hampshire	192	—	522	714	79	290
New Jersey	3,379	77	6,747	10,203	3,544	217
New York	2,837	509	599	3,945	1,601	1,497
North Carolina	1,268	35	17	1,320	—	430
Pennsylvania	2,868	175	1,767	4,810	581	708
Rhode Island	371	—	1,029	1,400	47	333
South Carolina	907	18	—	925	197	844
Vermont	9	—	11	20	—	—
Virginia	1,375	117	320	1,812	308	356
West Virginia	239	15	—	254	—	45
PAD District 2	23,233	498	763	24,494	1,377	17,522
Illinois	3,608	—	—	3,608	395	764
Indiana	3,410	—	147	3,557	79	255
Iowa	1,449	38	—	1,487	23	394
Kansas	2,035	—	78	2,113	36	11,291
Kentucky	925	56	—	981	76	417
Michigan	1,680	—	—	1,680	102	2,828
Minnesota	1,508	3	63	1,574	152	278
Missouri	616	32	4	652	—	98
Nebraska	842	—	—	842	—	242
North Dakota	804	56	—	860	45	36
Ohio	2,375	58	110	2,543	196	713
Oklahoma	1,198	73	224	1,495	122	140
South Dakota	431	—	—	431	—	20
Tennessee	1,125	66	—	1,191	62	5
Wisconsin	1,227	116	137	1,480	89	41
PAD District 3	20,360	1,907	4,333	26,600	18,032	34,995
Alabama	874	34	71	979	463	22
Arkansas	871	—	66	937	—	73
Louisiana	4,203	362	1,488	6,053	9,505	1,672
Mississippi	1,174	493	316	1,983	113	2,254
New Mexico	494	—	70	564	76	15
Texas	12,744	1,018	2,322	16,084	7,875	30,959
PAD District 4	3,096	147	135	3,378	206	161
Colorado	690	—	—	690	4	19
Idaho	188	—	—	188	—	—
Montana	1,240	27	—	1,267	83	31
Utah	440	26	135	601	39	70
Wyoming	538	94	—	632	80	41
PAD District 5	10,900	1,088	1,450	13,438	4,804	1,915
Alaska	1,056	2	187	1,245	250	5
Arizona	365	13	—	378	—	1,351
California	6,217	367	626	7,210	2,244	479
Hawaii	272	3	559	834	857	48
Nevada	478	—	4	482	—	1
Oregon	916	169	29	1,114	256	—
Washington	1,596	534	45	2,175	1,197	31
U.S. Total	76,842	4,871	22,289	104,002	33,945	59,371

— = No Data Reported.

¹ Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Note: Stocks are reported as of the last day of the month.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 2012
 (Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	36	1,097	—	427	9,069	2,368	—	669	31,671
Petroleum Products	9,313	70	0	3,861	14,655	1,899	0	95,393	20,995
Pentanes Plus	0	0	—	—	621	0	—	—	2,838
Liquefied Petroleum Gases	0	0	—	1,493	10,393	0	—	2,096	5,355
Unfinished Oils	36	0	—	0	238	—	—	0	45
Motor Gasoline Blending Components	5,740	30	0	1,040	407	420	0	41,156	5,141
Reformulated - RBOB	0	0	0	0	300	—	0	8,196	1,408
Conventional	5,740	30	0	1,040	107	420	0	32,960	3,733
CBOB	5,740	0	0	1,040	0	420	0	32,178	2,722
GTAB	—	—	—	—	—	—	—	—	—
Other	0	30	—	0	107	—	—	782	1,011
Renewable Fuels	0	0	—	30	115	—	—	50	0
Fuel Ethanol	0	0	—	30	115	—	—	50	0
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	572	0	0	251	1,013	574	0	11,513	2,930
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	572	0	0	251	1,013	574	0	11,513	2,930
Conventional Blended with Fuel Ethanol	0	0	—	—	127	—	—	—	0
Ed55 and Lower	0	0	—	—	127	—	—	—	0
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	572	0	0	251	886	574	0	11,513	2,930
Finished Aviation Gasoline	0	0	—	—	0	—	—	—	29
Kerosene-Type Jet Fuel	190	0	0	108	18	696	0	13,943	1,241
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,720	0	0	834	716	209	0	26,128	3,129
15 ppm sulfur and under	2,535	0	0	770	716	209	0	21,124	3,017
Greater than 15 ppm to 500 ppm sulfur	185	0	0	64	0	0	0	102	112
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	4,902	—
Residual Fuel Oil	0	0	—	7	833	—	—	0	0
Petrochemical Feedstocks	55	0	—	0	129	—	—	0	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	89	—	—	—	0
Other Oils for Petrochemical Feedstock Use	55	0	—	0	40	—	—	0	0
Special Naphthas	0	0	—	—	0	—	—	—	8
Lubricants	0	40	0	0	0	—	0	234	190
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	98	172	—	—	273	89
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	9,349	1,167	0	4,288	23,724	4,267	0	96,062	52,666

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 2012
 (Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to			From 5 to			
	4	5	2	3	5	1	2	3	4
Crude Oil	0	—	7,299	0	—	0	0	0	0
Petroleum Products	0	4,671	4,279	4,249	1,560	0	0	24	0
Pentanes Plus	0	—	442	561	—	—	0	0	0
Liquefied Petroleum Gases	0	—	2,642	3,688	—	0	0	0	0
Unfinished Oils	—	—	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,649	50	0	0	0	0	0	0
Reformulated - RBOB	—	2,148	0	0	0	0	0	0	—
Conventional	0	1,501	50	0	0	0	0	0	0
CBOB	0	1,501	50	0	0	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	—	0	0	0	—
Renewable Fuels	—	—	0	0	—	0	0	0	—
Fuel Ethanol	—	—	0	0	—	0	0	0	—
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	619	0	1,272	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	619	0	1,272	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	0	0	—	—	0	0	—
Ed55 and Lower	—	—	0	0	—	—	0	0	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	619	0	1,272	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	—	—	0	0	—
Kerosene-Type Jet Fuel	0	215	36	0	0	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	700	490	0	288	0	0	0	0
15 ppm sulfur and under	0	700	490	0	281	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	7	0	0	0	0
Greater than 500 ppm sulfur	—	—	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	0	0	—	0	0	0	—
Petrochemical Feedstocks	—	—	0	0	—	0	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use ...	—	—	0	0	—	0	0	0	—
Special Naphthas	—	—	0	0	—	—	0	0	—
Lubricants	—	107	0	0	0	0	0	24	—
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	0	0	—	0	0	0	—
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	0	4,671	11,578	4,249	1,560	0	0	24	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report."

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2012
 (Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	0	956	135	7,779	2,368	669	31,671	0	-
Petroleum Products	9,141	0	2,259	12,651	1,899	77,273	20,234	0	4,564
Pentanes Plus	0	0	-	621	0	-	2,838	0	-
Liquefied Petroleum Gases	0	0	1,493	10,393	0	2,060	5,355	0	-
Motor Gasoline Blending Components	5,740	0	139	300	420	32,354	5,083	0	3,649
Reformulated - RBOB	0	0	0	300	-	8,196	1,408	-	2,148
Conventional	5,740	0	139	0	420	24,158	3,675	0	1,501
CBOB	5,740	0	139	0	420	24,158	2,722	0	1,501
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	-	953	-	-
Renewable Fuels	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	572	0	202	709	574	7,529	2,875	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	572	0	202	709	574	7,529	2,875	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	572	0	202	709	574	7,529	2,875	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	190	0	108	18	696	12,057	1,241	0	215
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,639	0	317	610	209	23,273	2,842	0	700
15 ppm sulfur and under	2,535	0	253	610	209	18,269	2,730	0	700
Greater than 15 ppm to 500 ppm sulfur	104	0	64	0	0	102	112	0	0
Greater than 500 ppm sulfur	-	0	0	0	-	4,902	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	9,141	956	2,394	20,430	4,267	77,942	51,905	0	4,564

See footnotes at end of table.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2012
 (Thousand Barrels) — Continued

Commodity	From 4 to			From 5 to	
	2	3	5	3	4
Crude Oil	7,299	0	—	0	0
Petroleum Products	4,279	4,249	1,560	0	0
Pentanes Plus	442	561	—	0	0
Liquefied Petroleum Gases	2,642	3,688	—	0	0
Motor Gasoline Blending Components	50	0	0	0	0
Reformulated - RBOB	0	0	0	0	—
Conventional	50	0	0	0	0
CBOB	50	0	0	0	0
GTAB	—	—	—	—	—
Other	0	0	—	0	—
Renewable Fuels	—	—	—	—	—
Fuel Ethanol	—	—	—	—	—
Renewable Diesel Fuel	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—
Finished Motor Gasoline	619	0	1,272	0	0
Reformulated	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—
Reformulated Other	—	—	—	—	—
Conventional	619	0	1,272	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—
Greater than Ed55	—	—	—	—	—
Conventional Other	619	0	1,272	0	0
Finished Aviation Gasoline	—	—	—	—	—
Kerosene-Type Jet Fuel	36	0	0	0	0
Kerosene	—	—	—	—	—
Distillate Fuel Oil	490	0	288	0	0
15 ppm sulfur and under	490	0	281	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	7	0	0
Greater than 500 ppm sulfur	—	0	—	0	—
Residual Fuel Oil	—	—	—	—	—
Miscellaneous Products	—	—	—	—	—
Total	11,578	4,249	1,560	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, December 2012
 (Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	36	141	-	292	1,290	-
Petroleum Products	172	70	0	1,602	2,004	0
Liquefied Petroleum Gases	-	0	-	0	0	-
Unfinished Oils	36	0	-	0	238	-
Motor Gasoline Blending Components	0	30	-	901	107	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	30	-	901	107	-
CBOB	0	0	-	901	0	-
GTAB	-	-	-	-	-	-
Other	0	30	-	0	107	-
Renewable Fuels	0	0	-	30	115	-
Fuel Ethanol	0	0	-	30	115	-
Renewable Diesel Fuel	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	49	304	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	49	304	-
Conventional Blended with Fuel Ethanol	0	0	-	-	127	-
Ed55 and Lower	0	0	-	-	127	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	49	177	-
Finished Aviation Gasoline	0	0	-	-	0	-
Kerosene-Type Jet Fuel	-	0	-	0	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	81	0	-	517	106	-
15 ppm sulfur and under	0	0	-	517	106	-
Greater than 15 ppm to 500 ppm sulfur	81	-	-	0	-	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	7	833	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-
Greater than 1.00 percent sulfur	0	0	-	7	833	-
Petrochemical Feedstocks	55	0	-	0	129	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	89	-
Other Oils for Petrochemical Feedstock Use ...	55	0	-	0	40	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	40	0	0	0	0
Waxes	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	98	172	-
Miscellaneous Products	-	-	-	-	-	-
Total	208	211	0	1,894	3,294	0

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, December 2012
 (Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	0	-	-	-	0	-	0	0	0
Petroleum Products	18,120	-	165	17,955	761	107	0	0	24
Liquefied Petroleum Gases	36	-	-	36	-	-	0	-	0
Unfinished Oils	0	-	-	-	45	-	0	0	0
Motor Gasoline Blending Components	8,802	-	51	8,751	58	-	0	0	0
Reformulated - RBOB	-	-	-	-	-	-	-	-	-
Conventional	8,802	-	51	8,751	58	-	0	0	0
CBOB	8,020	-	51	7,969	0	-	0	0	0
GTAB	-	-	-	-	-	-	-	-	-
Other	782	-	-	782	58	-	0	0	0
Renewable Fuels	50	-	-	50	0	-	0	0	0
Fuel Ethanol	50	-	-	50	0	-	0	0	0
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	3,984	-	-	3,984	55	-	0	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	3,984	-	-	3,984	55	-	0	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	0	-	-	0	0
Ed55 and Lower	-	-	-	-	0	-	0	0	0
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	3,984	-	-	3,984	55	-	0	0	0
Finished Aviation Gasoline	-	-	-	-	29	-	-	0	0
Kerosene-Type Jet Fuel	1,886	-	-	1,886	-	-	0	-	0
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,855	-	-	2,855	287	-	0	0	0
15 ppm sulfur and under	2,855	-	-	2,855	287	-	0	0	0
Greater than 15 ppm to 500 ppm sulfur	0	-	-	-	0	-	0	0	-
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	-	-
Residual Fuel Oil	0	-	-	-	0	-	0	0	0
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	0	-	-	-	0	-	0	0	0
Petrochemical Feedstocks	0	-	-	-	0	-	0	0	0
Naphtha for Petrochemical Feedstock Use	-	-	-	-	0	-	0	0	0
Other Oils for Petrochemical Feedstock Use ...	0	-	-	-	0	-	0	0	0
Special Naphthas	-	-	-	-	8	-	-	0	0
Lubricants	234	-	114	120	190	107	0	0	24
Waxes	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	273	-	-	273	89	-	0	0	0
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	18,120	-	165	17,955	761	107	0	0	24

- = No Data Reported.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 2012
 (Thousands Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	1,096	1,133	-37	39,006	11,864	27,142	10,166	32,340	-22,174
Petroleum Products	99,254	9,383	98,407	34,587	20,415	-1,995	18,998	121,059	-98,669
Pentanes Plus	0	0	-	3,280	621	2,659	1,182	2,838	-1,656
Liquefied Petroleum Gases	3,589	0	3,589	7,997	11,886	-3,889	14,081	7,451	6,630
Ethane/Ethylene	0	0	-	2,046	5,648	-3,602	7,547	1,015	6,532
Propane/Propylene	3,587	0	3,587	3,710	5,428	-1,718	5,111	4,813	298
Normal Butane/Butylene	2	0	2	1,293	479	814	803	933	-130
Isobutane/Isobutylene	0	0	-	948	331	617	620	690	-70
Unfinished Oils	0	36	-36	81	238	-157	238	45	193
Motor Gasoline Blending Components	42,196	5,770	36,426	10,931	1,867	9,064	437	49,946	-49,509
Reformulated - RBOB	8,196	0	8,196	1,408	300	1,108	300	11,752	-11,452
Conventional	34,000	5,770	28,230	9,523	1,567	7,956	137	38,194	-38,057
CBOB	33,218	5,740	27,478	8,512	1,460	7,052	0	36,401	-36,401
GTAB	0	0	-	-	-	-	-	-	-
Other	782	30	752	1,011	107	904	137	1,793	-1,656
Renewable Fuels	80	0	8,616	0	145	-16,312	115	50	3,457
Fuel Ethanol	80	0	8,441	0	145	-15,742	115	50	3,280
Renewable Diesel Fuel	0	0	175	0	0	-569	0	0	177
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	11,764	572	11,192	4,121	1,838	2,283	1,013	14,443	-13,430
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	11,764	572	11,192	4,121	1,838	2,283	1,013	14,443	-13,430
Conventional Blended with Fuel Ethanol	0	0	-	0	127	-127	127	0	127
Ed55 and Lower	0	0	-	0	127	-127	127	0	127
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	11,764	572	11,192	4,121	1,711	2,410	886	14,443	-13,557
Finished Aviation Gasoline	0	0	-	29	0	29	0	29	-29
Kerosene-Type Jet Fuel	14,051	190	13,861	1,467	822	645	18	15,399	-15,381
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	26,962	2,720	24,242	6,339	1,759	4,580	716	29,957	-29,241
15 ppm sulfur and under	21,894	2,535	19,359	6,042	1,695	4,347	716	24,841	-24,125
Greater than 15 ppm to 500 ppm sulfur	166	185	-19	297	64	233	0	214	-214
Greater than 500 ppm sulfur	4,902	0	4,902	0	0	-	0	4,902	-4,902
Residual Fuel Oil	7	0	7	0	840	-840	833	0	833
Petrochemical Feedstocks	0	55	-55	55	129	-74	129	0	129
Naphtha for Petrochemical Feedstock Use	0	0	-	0	89	-89	89	0	89
Other Oils for Petrochemical Feedstock Use	0	55	-55	55	40	15	40	0	40
Special Naphthas	0	0	-	8	0	8	0	8	-8
Lubricants	234	40	194	190	0	190	64	531	-467
Waxes	0	0	-	0	0	-	0	0	-
Asphalt and Road Oil	371	0	371	89	270	-181	172	362	-190
Miscellaneous Products	0	0	-	0	0	-	0	0	-
Total	100,350	10,516	98,370	73,593	32,279	25,147	29,164	153,399	-120,843

See footnotes at end of table.

Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 2012
 (Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,368	7,299	-4,931	0	0	-
Petroleum Products	1,899	10,088	-7,876	6,231	24	10,132
Pentanes Plus	0	1,003	-1,003	0	0	-
Liquefied Petroleum Gases	0	6,330	-6,330	0	0	-
Ethane/Ethylene	0	2,930	-2,930	0	0	-
Propane/Propylene	0	2,167	-2,167	0	0	-
Normal Butane/Butylene	0	686	-686	0	0	-
Isobutane/Isobutylene	0	547	-547	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	420	50	370	3,649	0	3,649
Reformulated - RBOB	-	-	-	2,148	0	2,148
Conventional	420	50	370	1,501	0	1,501
CBOB	420	50	370	1,501	0	1,501
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Renewable Fuels	0	0	313	0	0	3,925
Fuel Ethanol	0	0	291	0	0	3,731
Renewable Diesel Fuel	0	0	22	0	0	194
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	574	1,891	-1,317	1,272	0	1,272
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	574	1,891	-1,317	1,272	0	1,272
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	574	1,891	-1,317	1,272	0	1,272
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	696	36	660	215	0	215
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	209	778	-569	988	0	988
15 ppm sulfur and under	209	771	-562	981	0	981
Greater than 15 ppm to 500 ppm sulfur	0	7	-7	7	0	7
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use ...	-	-	-	-	-	-
Special Naphthas	0	0	-	0	0	-
Lubricants	0	0	-	107	24	83
Waxes	0	0	-	0	0	-
Asphalt and Road Oil	0	0	-	0	0	-
Miscellaneous Products	0	0	-	0	0	-
Total	4,267	17,387	-12,807	6,231	24	10,132

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report."

Appendix A

District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

PAD District I

East Coast: The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian No. 1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

Sub-PAD District I

New England: The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic: The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic: The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

PAD District II

Indiana-Illinois-Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

Minnesota-Wisconsin-North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma-Kansas-Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana-Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

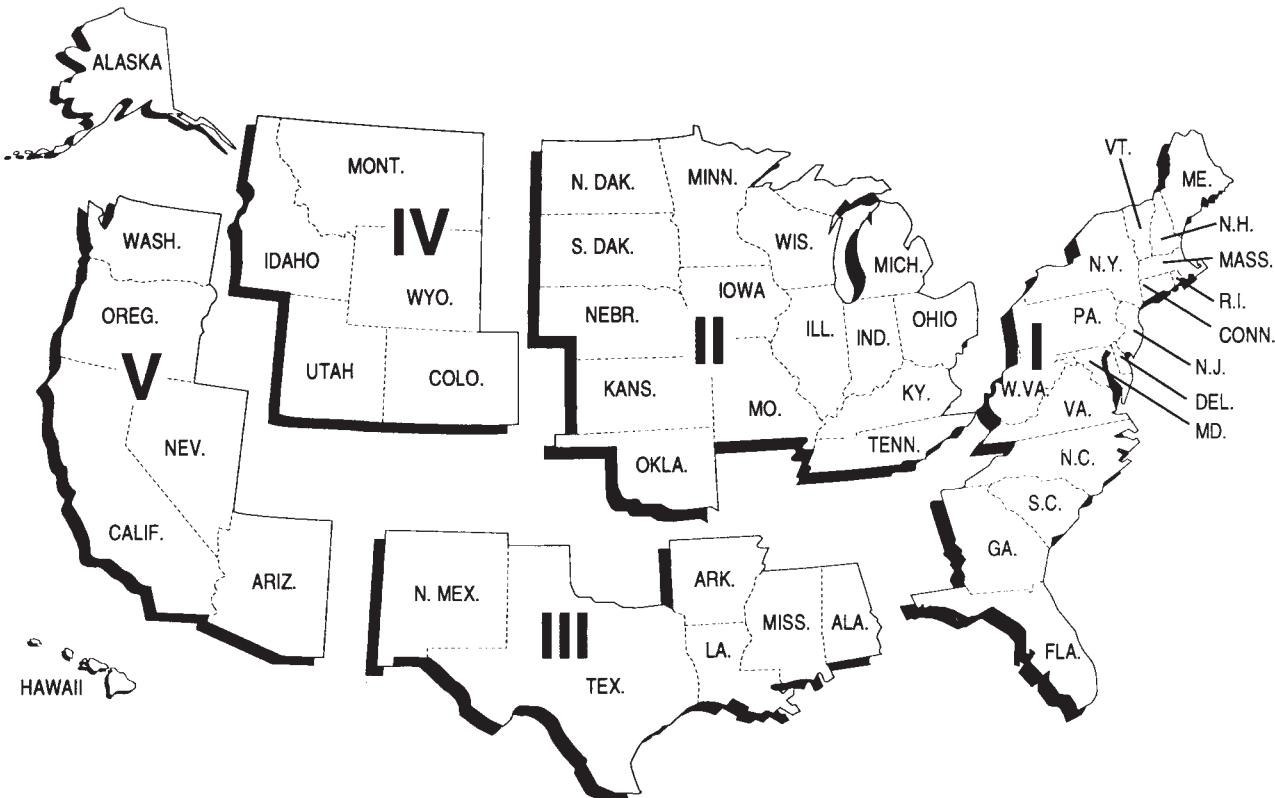
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

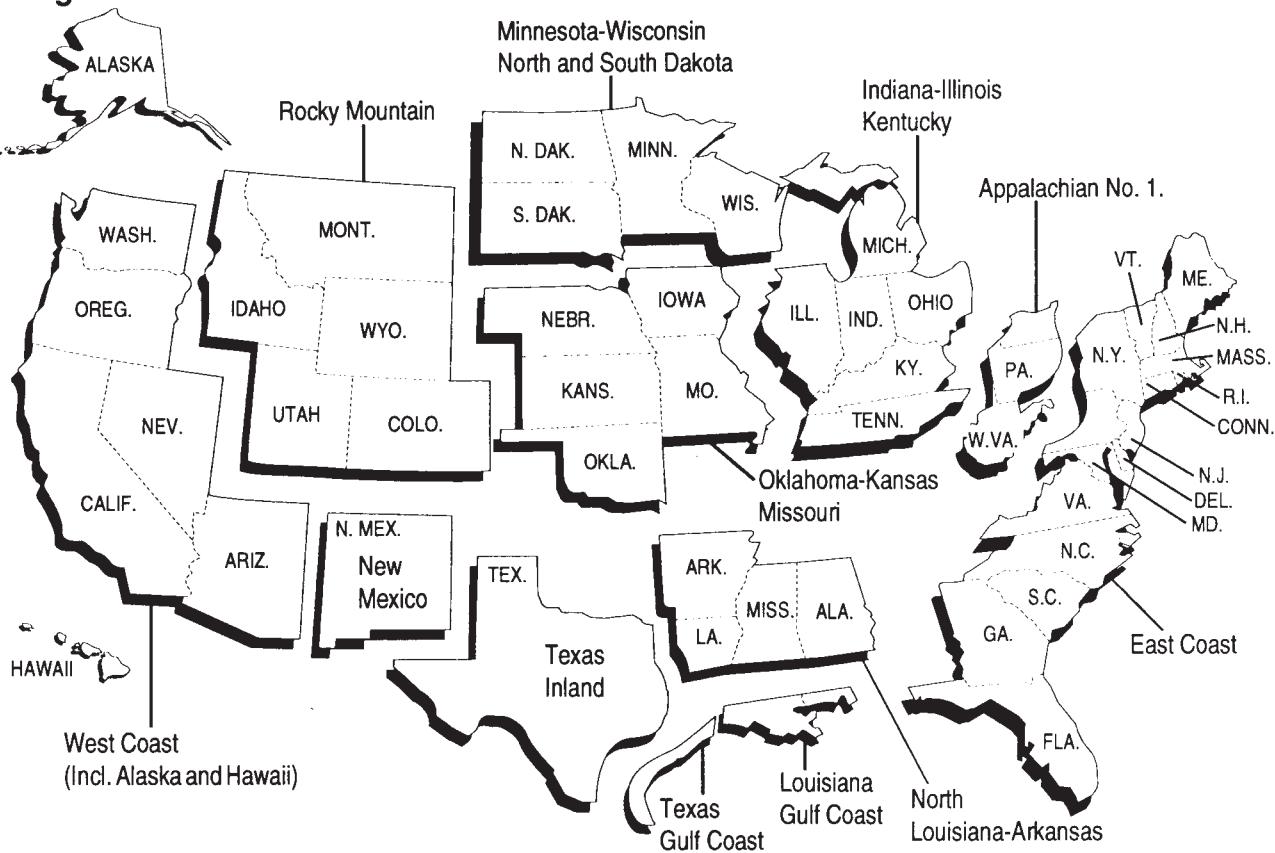
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Refining Districts



Appendix B

PSM Explanatory Notes

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Preface

The *Petroleum Supply Monthly (PSM)* is the monthly component of a series of three publications concerning the supply and disposition of crude oil and petroleum products produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report (WPSR)* and the *Petroleum Supply Annual (PSA)*. Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the *PSM* describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply: petroleum refiners, motor gasoline blenders, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The *PSM* tables present statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Final statistics for the data series published in the *PSM* are published in the *PSA*. The *PSA* is published approximately five months after the end of the report year.

New in 2010

Several publication changes were implemented beginning with data for January 2010 PSM. The 2010 changes to the PSM include:

- added a new table to consolidate crude oil data
- removed certain crude oil details included in the new crude oil table from existing supply and disposition tables,
- changed motor gasoline product categories
 - Motor gasoline blending components, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blendstock (RBOB);
 - Motor gasoline blending components, reformulated and conventional gasoline treated as blendstock (GTAB) categories were collapsed into a single category: GTAB;
 - Finished motor gasoline, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blended with fuel ethanol;
 - Finished motor gasoline, conventional blended with fuel ethanol was split into two separate categories: Ed55 and lower and Greater than Ed55.
- changed gasoline adjustment calculations including elimination of the MTBE adjustment,
- added gains and losses at blending terminals to applicable tables
- changed various product labels.

Appendix B. Explanatory Notes

1. Overview

A. The Energy Information Administration's Quality Guidelines

The data contained in the *Petroleum Supply Monthly (PSM)* are subject to separate information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information. Information about EIA's quality program is available at <http://www.eia.doe.gov/smgi/EIA-IQ-Guidelines.html>.

B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the *PSM* are often interpreted as an approximation of petroleum demand measured as product supplied. Product supplied is often called "implied" demand because it is a measure of demand that is implied by disappearance of petroleum products from facilities and activities in the "primary" supply chain. Facilities and activities in the primary supply chain include refineries and blending terminals, gas processing plants and fractionators, oxygenate producers, biodiesel producers, imports, exports, bulk storage terminals, and pipelines. Total product supplied in the *PSM* at the U.S. level is equal to the sum of field production, plus refinery and blender net production, plus renewable fuels, and oxygenate plant net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports. Net receipts are added as a component of supply at the PAD District level. Crude oil product supplied is normally zero because crude oil is processed in refineries and rarely, if ever, used directly.

The secondary system is that portion of the overall distribution network that falls between producers and end-users. Product typically flows in bulk from the primary supply system into the secondary system before delivery in small quantities to consumers (the tertiary system). The secondary system includes storage at bulk plants; at retail motor fuel outlets, such as service stations, truck stops, and convenience stores; and at retail fuel oil dealers. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, by definition, receive product only by tank car or truck, not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, jet fuel stored in facilities operated by end users, and certain proprietary storage of raw materials for the chemical industry (ethylene, propylene, etc.).

Data users sometimes consider demand as sales to the ultimate consumer or as the actual consumption of the product. Since there may be time delays between the movement of product into the primary market and its ultimate purchase or consumption, these definitions of demand require data on changes in secondary and/or tertiary stocks or

the assumption that these values either remain constant or are small compared to primary supply. The most recent study of secondary stocks was done by the National Petroleum Council in 1989. This study revealed that secondary distillate stocks were equal to about 6.9 percent of distillate stocks and 6.7 percent of distillate storage capacity. The study also noted that secondary storage capacity was decreasing due to EPA regulations.

C. Components of Supply and Disposition

The detailed statistics tables in the *PSM* provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1–25 is provided. The categories and products are defined in the EIA Glossary.

(1.) Supply

- a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies and the Mineral Management Service of the U.S. Department of the Interior. Refer to "Domestic Crude Oil Production" in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

- b. Renewable Fuels and Oxygenate Plant Net Production - Renewable Fuels and Oxygenate Plant Net Production are reported on Forms EIA-819 and EIA-22M. Production includes oxygenates (fuel ethanol, ETBE, MTBE, and other oxygenates) plus negative production of pentanes plus, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants as well as biodiesel. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reported as input during the same month.

- c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Form EIA-810 and EIA-815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender net inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed

(input) or reclassified to become another product during the same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories or from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge between PAD Districts are shown in Table 60.

Data for inter-PAD District movements of fuel ethanol and biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) by railroad tank cars and trucks are not currently available. Net Receipts are therefore “implied” for fuel ethanol and biodiesel. Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.”

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) and distillate fuel oil. Adjustment quantities are derived either to balance supply and disposition for selected products or to reclassify one product to another product. Product supplied is the balancing item for most products and is interpreted as an implied measure of petroleum demand. Adjustments are used in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District.

(2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender

Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, liquefied petroleum gases, pentanes plus, hydrogen, oxygenates, renewable fuels, and other hydrocarbons) that are processed at refineries or blended at terminals to produce finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (e.g. vacuum distillation units).

Inputs of natural gas plant liquids are refinery input of natural gas liquids received from natural gas plants for blending and processing. Published inputs of natural gas plant liquids are reported on a gross basis.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery input minus refinery production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

A product supplied value indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of inter-PAD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported, e.g., streams returned to refineries from petrochemical plants.

Beginning with data for January 2010, product supplied for crude oil is assumed equal to zero. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products. From January 1983 through December 2009, crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report.” Reporting of crude oil used directly was discontinued on Form EIA-813 after December 2009.

(3.) Ending Stocks

Ending stocks are primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Inventories classified as "Distillate Fuel Oil - Greater than 0.05 percent sulfur" stored in the Northeast Heating Oil Reserve are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil ending stocks. The data are shown in Appendix D, Northeast Heating Oil Reserve.

2. Components - Forms Discussions

The data presented in the *PSM* include data collected by the EIA on nine monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data obtained from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

A. Petroleum Supply Reporting System

The nine monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and natural gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the seven weekly surveys. The MPSRS includes nine monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, "Weekly Refinery Report,"
2. EIA-801, "Weekly Bulk Terminal Report,"
3. EIA-802, "Weekly Product Pipeline Report,"
4. EIA-803, "Weekly Crude Oil Stocks Report,"
5. EIA-804, "Weekly Imports Report,"
6. EIA-805, "Weekly Terminal Blender Report,"
7. EIA-809, "Weekly Oxygenate Report,"
8. EIA-22M, "Monthly Biodiesel Production Survey,"
9. EIA-810, "Monthly Refinery Report,"
10. EIA-812, "Monthly Product Pipeline Report,"
11. EIA-813, "Monthly Crude Oil Report,"
12. EIA-814, "Monthly Imports Report,"
13. EIA-815, "Monthly Terminal Blender Report."
14. EIA-816, "Monthly Natural Gas Liquids Report"
15. EIA-817, "Monthly Tanker and Barge Movement Report"
16. EIA-819, "Monthly Oxygenate Report"
17. EIA-820, "Annual Refinery Report."

Both weekly and monthly surveys are administered at six key points

along the petroleum production and supply chain: (1) refineries, fractionators, and gas processing plants, (2) bulk terminals and blenders, (3) crude oil and product pipelines, (4) crude oil stock holders, (5) importers, and (6) oxygenate and biodiesel plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements. Data collected weekly using Forms EIA-800 through EIA-805 and EIA-809 are similar to, though less detailed than, the data collected monthly using Forms EIA-810, EIA-812 through EIA-815 and 819. Respondents reporting to the weekly surveys constitute a sample of those reporting on the monthly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA-820, "Annual Refinery Report." The EIA-820 data are published in the annual "Refinery Capacity Report."

B. Monthly Supply Survey Description and Methodology

(1.) Description of Surveys Forms

Copies of the survey forms and instructions can be found at: http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html

The Form EIA-22M "Monthly Biodiesel Production Survey" collects data on biodiesel plant location, operating status, annual production capacity, monthly biodiesel and co-product production, stocks, input of feedstocks, alcohol, and catalysts, and biodiesel sales.

The Form EIA-810, "Monthly Refinery Report," collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-812, "Monthly Product Pipeline Report," collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included. Product pipeline tank storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-813, "Monthly Crude Oil Report," collects data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis. Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks. Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts are not included. Crude oil storage capacity of

tank farms is collected on a semi-annual basis.

The Form EIA-814, "Monthly Imports Report," collects data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia.

The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil, unfinished oils, and gasoline blending components only.

The Form EIA-815, "Monthly Terminal Blender Report," collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on a semi-annual basis.

The Form EIA-816, "Monthly Natural Gas Liquids Report," collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, "Monthly Tanker and Barge Movement Report," collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, "Monthly Oxygenate Report" collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Fuel ethanol storage capacity is collected on a semi-annual basis.

(2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify

new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of "Who Must Submit" participate in the survey.

The activities for frames maintenance are conducted on an ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-22M "Monthly Biodiesel Production Survey" include operators of plants that produce biodiesel meeting ASTM D 6751-07B specifications and used for commercial purposes.

Respondents to Form EIA-810, "Monthly Refinery Report" include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, "Monthly Product Pipeline Report" include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, "Monthly Crude Oil Report" include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil producers, terminal operators, storers of crude oil (except refineries), and companies transporting Alaskan crude oil by water in the 50 States and the District of Columbia.

Respondents to Form EIA-814, "Monthly Imports Report" include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, "Monthly Terminal Blender Report" include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands,

Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, "Monthly Natural Gas Liquids Report" include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, "Monthly Tanker and Barge Movement Report" include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between PAD Districts are considered to have custody.

Respondents to Form EIA-819, "Monthly Oxygenate Report" include all operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

(3.) Collection

Survey data for the MPSRS are collected by facsimile, email, Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

(4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years.

Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

(5.) Estimation and Imputation

The nine monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Imputation is performed for companies that fail to file Forms EIA-22M, 810, 812, 813, 815, 816, and 819. For these companies, previous monthly values and values reported on the weekly survey forms are used if available. Data for nonrespondents to the Forms EIA-814 and 817 are not imputed because respondent-level data for these surveys are highly variable.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the Petroleum Supply Annual (PSA).

(6.) Macro Editing

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the EIA is performed on an ongoing basis. Results of selected data comparisons are published once a year in the feature article, "Comparison of Independent Statistics on Petroleum Supply." Additional comparisons are made between survey data and model results. Data reported in the Petroleum Supply Monthly and Petroleum Supply Annual are routinely imputed to correct for cases where comparison with other data suggests errors in survey data.

(7.) Dissemination

The *PSM* data are normally released within 60 days of the close of the reference month. The *PSM* is available on the web at:

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html

Customers who do not have access to the Internet may call the National Energy Information Center (NEIC) to request a single print-on-demand copy (a black and white bound printed document). To take advantage of this service, call the NEIC at 202-586-8800 or email them at infoctr@eia.doe.gov. This service is provided free of charge for a single copy. NEIC will not accept or print multiple copy orders.

Much of the *PSM* data are available on the web product, Petroleum Navigator. Petroleum Navigator provides an interface for accessing a comprehensive set of EIA's petroleum data. Features include: downloadable spreadsheets containing complete data history, data tables which "pivot" to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum Navigator can be accessed at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_top.asp

The Petroleum Supply and Disposition table displaying all the components of supply and disposition for all products on one page in a given period can be found at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbbl_m_cur.htm

Annual petroleum supply statistics compiled from the latest monthly data, Census export, and MMS crude oil production data are released in two volumes. The *PSA, Volume 1* contains final annual data for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume1/psa_volume1.html

The *PSA, Volume 2* contains final monthly statistics for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume2/psa_volume2.html

C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of the statistics published in the *PSM* are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

(1.) Domestic Crude Oil Production

The interim estimate of U.S., PAD District, and State oil production for the current reference month, published in Tables 1 through 26 of the *PSM*, are based on:

(a.) crude oil production data from State Government agencies and the Department of the Interior, Bureau of Safety and Environmental Enforcement;

(b.) first purchase data reported on Form EIA-182, "Domestic Crude Oil First Purchase Report;" For some States, EIA uses current reported production from the State. For most States EIA calculates an estimate by using the lagged average ratio of the State reported data to EIA-182 data, applied to the current EIA-182 data. Estimates have to be made for crude oil production because complete and correct data from States may take from a few months

to a few years.

State-level production estimates are published in Table 26, "Production of Crude Oil by PAD District and State." Table 26 contains estimates for crude oil production for State and Federal offshore areas reported by State Agencies and the Bureau of Safety and Environmental Enforcement or estimated by the EIA. Every month, the monthly crude oil production estimates are updated in Table 26 of the Petroleum Supply Monthly (<http://www.eia.gov/petroleum/supply/monthly/>) using reports from State agencies and the Bureau of Safety and Environmental Enforcement. The estimates are reported in the Petroleum Navigator and the Petroleum Supply Monthly roughly 60 days after the production month.

(2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a "Shipper's Export Declaration Document" with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the *PSM* reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether or not the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

(3.) Stocks of Crude Oil on Leases

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the "lease adjustment," a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state

data on crude oil stocks and began collecting crude oil stock data by Petroleum Administration for Defense (PAD) District. With this change, the “lease adjustment” could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

(4.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL Adjustment)

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS-NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane and pentanes plus also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to revised data reported in the Petroleum Supply Annual (PSA) for 1988.

(5.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

Note on MTBE Adjustment: The MTBE portion of the gasoline adjustment described in this section was only applied to Petroleum Supply Monthly (PSM) data for 2009. The MTBE portion of the gasoline adjustment was discontinued after further examination of the issue made clear the MTBE adjustment was not helpful in forming an accurate statistical representation of U.S. and regional gasoline supplies. The MTBE adjustment was not applied to gasoline supply and disposition data in years prior to 2009, nor was it applied to revised data for 2009 published in the Petroleum Supply Annual or in years after 2009. This note only applies to MTBE adjustments. MTBE blending that was reported on EIA surveys is reflected in U.S. and regional gasoline supply and disposition data. Other adjustments to gasoline supply and disposition data to account for motor gasoline blending components and fuel ethanol remain as described in this section.

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), “other” motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and “other” motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and “other”. During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and “other” motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

(6.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending

components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

(7.) Renewable Fuels including Fuel Ethanol Adjustment

Adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PAD District depends on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of fuel ethanol between PAD Districts, and so allocation of fuel ethanol adjustments to PAD Districts is based on the ratio of fuel ethanol blending reported on surveys in each PAD District divided by fuel ethanol blending reported on surveys for the entire U.S. In this case, Fuel ethanol implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Fuel ethanol implied net receipts are the balancing item between total supply and disposition in each PAD District. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.

- The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). For PSM data prior to January 2012, renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels were calculated as the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol

was unavailable and was excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol caused production to be included in the adjustment. Similarly, the calculation caused net inter-PAD District movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

- Beginning with PSM data for January 2012, production of biodiesel reported on Form EIA-22M was included under the heading of “renewable fuels and oxygenate plant net production” in petroleum supply and disposition balances for “renewable fuels except fuel ethanol”. As a result, the adjustment for “renewable fuels except fuel ethanol” no longer includes production of biodiesel. This change will also be made to revised monthly data for January–December 2011 when the 2011 Petroleum Supply Annual is released.
- Biodiesel adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of biodiesel between PAD Districts, and so allocation of fuel biodiesel adjustments to PAD Districts is based on the ratio of biomass-based diesel blending reported on surveys in each PAD District divided by biomass-based diesel fuel blending reported on surveys for the entire U.S. Biodiesel implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Biodiesel implied net receipts are the balancing item between total supply and disposition in each PAD District. Biodiesel adjustment quantities are assumed to reflect blending of biodiesel into distillate fuel oil that is implied by the available supply of biodiesel but not reported as input on surveys. Biodiesel adjustment volumes are reclassified to distillate fuel oil (15 ppm sulfur and under) through distillate fuel oil adjustments.

(8.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.” This adjustment was discontinued after publication of data for December 2010.

Beginning with PSM data for January 2012, distillate fuel oil adjustments equal the opposite of biodiesel adjustments described above in section 7. Biodiesel adjustments are added to distillate fuel oil (15 ppm sulfur and under) and to total distillate fuel oil. Distillate fuel oil adjustment quantities are assumed to reflect biodiesel blending activity implied by biodiesel supply and disposition but not reported on surveys. Distillate fuel oil adjustments for biodiesel will also be added to revised data for January–December 2011 when the 2011 Petroleum Supply Annual is released.

(9.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report” in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005.

(10.) Other Hydrocarbon Adjustment

Adjustment quantities for “other” hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. “Other” hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for “other” hydrocarbons produced outside of refineries. There are no movements data collected on surveys for “other” hydrocarbons. Therefore, adjustment quantities include any net receipts of “other” hydrocarbons resulting from inter-PAD District movements.

(11.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

(12.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol) equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied

for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol). Adjustments calculated for MTBE are reclassified to finished motor gasoline and are added to finish motor gasoline supply through the finished motor gasoline adjustment. There are no survey data available for movements of MTBE between PAD Districts. MTBE adjustment quantities are allocated to PAD Districts using ratios equal to the sum of MTBE input and export for each PAD District divided by the sum of MTBE input and export for the U.S. MTBE implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. MTBE implied net receipts are the balancing item between total supply and disposition in each PAD District.

3. Quality

A. General Discussion

(1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article "Accuracy of Petroleum Supply Data." Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

(2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number of sources including: (1) the inability to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

(3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the PSM has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the PSA. These values reflect all PSM resubmissions and other data corrections. The values contained in the PSA are EIA's most accurate measure of petroleum supply activity.

(4.) Revision Policy

EIA will publish revised monthly crude oil production estimates going back to the Previously published Petroleum Supply Annual every month in the Petroleum Supply Navigator (<http://www.eia.gov/petroleum/supply/monthly/>). Once a year with the release of the Petroleum Supply Annual, EIA will revise up to 10 years of historical production estimates in the Petroleum Supply Navigator.

B. Data Assessment

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The PSM preliminary monthly data serve as leading indicators of the final monthly data published in the PSA. The PSM monthly data are not expected to have the same level of accuracy as the final monthly data published in the PSA. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the PSM are compared with the final monthly aggregates published in the PSA. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

4. Provisions Regarding Disclosure of Information

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form.

The information reported on Forms EIA-810 through 813, 815 through 817, 819, and 820 will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905.

The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data published from this survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to

other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Table B1. Finished Motor Gasoline Product Supplied and Gasoline Supply Added by Adjustments to Motor Gasoline Blending Components and Fuel Ethanol, 1997 - 2008
 (Thousand Barrels per Day)

Item/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
1997													
Fuel Ethanol Adj.	39	50	51	46	48	38	59	37	47	69	50	61	50
Motor Gas Blending	-20	61	-27	87	73	113	89	95	115	107	165	80	78
Products Supplied	7,301	7,668	7,796	8,064	8,139	8,288	8,496	8,233	8,023	8,141	7,965	8,065	8,017
1998													
Fuel Ethanol Adj.	66	55	61	55	42	50	49	58	62	71	55	75	58
Motor Gas Blending	84	39	117	140	142	246	111	88	171	89	145	205	132
Products Supplied	7,618	7,711	8,004	8,312	8,279	8,520	8,680	8,568	8,310	8,378	8,167	8,451	8,253
1999													
Fuel Ethanol Adj.	57	52	52	53	50	59	43	54	55	64	66	72	56
Motor Gas Blending	81	-13	20	134	46	214	192	128	102	212	156	165	120
Products Supplied	7,701	8,031	8,128	8,506	8,420	8,886	8,942	8,579	8,305	8,542	8,240	8,859	8,431
2000													
Fuel Ethanol Adj.	60	47	62	62	76	52	68	73	66	74	73	76	66
Motor Gas Blending	255	208	178	158	198	125	80	158	155	107	83	319	169
Products Supplied	7,653	8,291	8,305	8,375	8,661	8,824	8,642	8,921	8,518	8,417	8,384	8,670	8,472
2001													
Fuel Ethanol Adj.	80	65	61	59	64	40	96	52	71	93	63	58	67
Motor Gas Blending	264	121	289	303	196	210	213	245	196	193	175	252	222
Products Supplied	8,099	8,234	8,532	8,575	8,706	8,690	9,023	8,953	8,557	8,655	8,677	8,585	8,610
2002													
Fuel Ethanol Adj.	60	68	40	75	78	66	66	48	56	58	80	62	63
Motor Gas Blending	184	214	174	233	339	287	269	252	177	172	208	235	229
Products Supplied	8,227	8,607	8,655	8,766	9,078	9,140	9,143	9,313	8,687	8,814	8,829	8,893	8,848
2003													
Fuel Ethanol Adj.	13	49	8	45	38	31	29	44	31	35	41	22	32
Motor Gas Blending	109	174	209	265	354	399	314	375	298	324	281	194	275
Products Supplied	8,414	8,525	8,602	8,838	9,042	9,170	9,192	9,411	8,926	9,108	8,946	9,011	8,935
2004													
Fuel Ethanol Adj.	17	21	7	36	36	53	25	32	37	29	25	27	29
Motor Gas Blending	217	393	469	574	464	609	466	493	489	372	347	265	429
Products Supplied	8,705	8,838	9,024	9,126	9,179	9,322	9,357	9,327	9,015	9,097	9,055	9,206	9,105
2005													
Fuel Ethanol Adj.	37	31	24	32	39	54	47	55	40	45	50	47	42
Motor Gas Blending	357	251	200	222	337	310	460	455	382	360	239	436	335
Products Supplied	8,775	8,798	8,996	9,130	9,257	9,380	9,451	9,454	8,897	9,013	9,079	9,246	9,125
2006													
Fuel Ethanol Adj.	33	37	48	36	23	40	27	44	51	32	52	37	38
Motor Gas Blending	278	226	406	486	714	207	663	432	649	539	645	689	497
Products Supplied	8,727	8,836	9,129	9,140	9,312	9,440	9,583	9,585	9,222	9,286	9,160	9,335	9,233
2007													
Fuel Ethanol Adj.	68	51	58	62	67	73	84	95	51	93	100	113	76
Motor Gas Blending	512	462	607	674	608	473	627	553	544	534	689	535	569
Products Supplied	8,891	9,025	9,169	9,232	9,429	9,510	9,622	9,592	9,244	9,250	9,249	9,249	9,290
2008													
Fuel Ethanol Adj.	117	118	118	163	134	117	99	107	156	93	76	108	117
Motor Gas Blending	223	259	246	138	402	371	331	448	376	171	417	77	288
Products Supplied	8,814	8,842	9,069	9,117	9,216	9,071	9,072	9,090	8,469	8,986	8,889	8,921	8,964

Adjustments to finished motor gasoline, motor gasoline blending components, fuel ethanol, and Methyl Tertiary Butyl Ether (MTBE) are available in Petroleum Navigator.

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbblpd_m_cur.htm

Note: Totals may not equal sum of components due to independent rounding.

Sources: Annual Averages, 1997 – 2007, Energy Information Administration (EIA) Petroleum Supply Annual, Volume 1 (table 2), Monthly Data, 1997-2007, Petroleum Supply Annual, Volume 2 (table 2), Annual Average, 2008, Petroleum Supply Monthly, February 2009 issue (table 4), Monthly Data, 2008, Petroleum Supply Monthly, (table 3).

Appendix D

Northeast Home Heating Oil Reserve

Information on the Northeast Home Heating Oil Reserve is available from the U.S. Department of Energy (DOE) Office of Petroleum Reserves web site at <http://www.fossil.energy.gov/programs/reserves/heatingoil/>.

Northeast Home Heating Oil Reserve (NEHHOR) inventories now classified as ultra-low sulfur distillate (15 parts per million) are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil supply and disposition statistics in Energy Information Administration publications, such as the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Northeast Home Heating Oil Reserve

Terminal Operator	Location	Thousands of Barrels
Hess Corp.	Groton, CT	500 *
Global Companies LLC	Revere, MA	500 *

* DOE has completed converting the NEHHOR from high sulfur heating oil to ultra-low sulfur distillate (15 parts per million). In 2011, two companies were awarded with contracts for storage of 500 thousand barrels each. Shipments to refill the reserve were completed in February 2012.

Source: Energy Information Administration

Definitions of Petroleum Products and Other Terms

(Revised May 2010)

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; CH₃-(CH₂)_n-OH (e.g., methanol, ethanol, and tertiary butyl alcohol).

Alkylate. The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

Alkylation. A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ F} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

Asphalt. A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Atmospheric Crude Oil Distillation. The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

Aviation Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating

engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

Aviation Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

Barrel. A unit of volume equal to 42 U.S. gallons.

Barrels Per Calendar Day. The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

Barrels Per Stream Day. The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

Benzene (C₆H₆). An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

Biomass-Based Diesel Fuel. Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass, but excluding renewable diesel fuel coprocessed with petroleum

feedstocks.

Blending Components. See *Motor or Aviation Gasoline Blending Components*.

Blending Plant. A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

Bonded Petroleum Imports. Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

BTX. The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

Bulk Station. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

Bulk Terminal. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

Butane (C_4H_{10}). A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Normal Butane (C_4H_{10}). A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

Refinery-Grade Butane (C_4H_{10}). A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

Butylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes.

Captive Refinery Oxygenate Plants. Oxygenate production facilities located within or adjacent to a refinery complex.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

Fresh Feeds. Crude oil or petroleum distillates which are being fed to processing units for the first time.

Recycled Feeds. Feeds that are continuously fed back for additional processing.

Catalytic Hydrocracking. A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

Catalytic Hydrotreating. A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

Catalytic Reforming. A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

Low Pressure. A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

High Pressure. A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

Charge Capacity. The input (feed) capacity of the refinery processing facilities.

Coal. A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Commercial Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Conventional Blendstock for Oxygenate Blending (CBOB). See *Motor Gasoline Blending Components*.

Conventional Gasoline. See *Motor Gasoline (Finished)*.

Crude Oil. A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled

with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

Domestic. Crude oil produced in the United States or from its "Outer continental shelf" as defined in 43 USC 1331.

Foreign. Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

Crude Oil, Refinery Receipts. Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

Crude Oil Losses. Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

Crude Oil Production. The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

Crude Oil Qualities. Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

Delayed Coking. A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

Desulfurization. The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include catalytic hydrotreating and other chemical/physical processes such

as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See **Catalytic Hydrotreating**.

Disposition. The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

No. 1 Distillate. A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 1 Diesel Fuel. A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate**.

No. 1 Fuel Oil. A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate**.

No. 2 Distillate. A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 2 Diesel Fuel. A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate**.

Low Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

High Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in

atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

No. 4 Fuel. A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

No. 4 Diesel Fuel. See **No. 4 Fuel**.

No. 4 Fuel Oil. See **No. 4 Fuel**.

Electricity (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ending Stocks. Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

ETBE (Ethyl tertiary butyl ether) ($\text{CH}_3\text{CH}_2\text{COCH}_2\text{CH}_3$). An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C_2H_6). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

Ether. A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

Ethylene (C_2H_4). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

Exports. Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

Flexicoking. A thermal cracking process which converts heavy

hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

Fluid Coking. A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

Fresh Feed Input. Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

Fuel Ethanol ($\text{C}_2\text{H}_5\text{OH}$). An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

Fuels Solvent Deasphalting. A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

Gasohol. A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

Gasoline Treated as Blendstock (GTAB). See **Motor Gasoline Blending Components**.

Gross Input to Atmospheric Crude Oil Distillation Units. Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Heavy Gas Oil. Petroleum distillates with an approximate boiling

range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

High-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 500 ppm.

Hydrogen. The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Idle Capacity. The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

Imported Crude Oil Burned As Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Imports. Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Isobutane (C_4H_{10}). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

Isobutylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C_6H_{14}). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C_4), an alkylation process feedstock, and normal pentane and hexane into isopentane (C_5) and isohexane (C_6), high-octane gasoline components.

Isopentane. See *Natural Gasoline and Isopentane*.

Kerosene. A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel*.

Kerosene-Type Jet Fuel. A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

Commercial. Kerosene-type jet fuel intended for use in commercial aircraft.

Military. Kerosene-type jet fuel intended for use in military aircraft.

Lease Condensate. A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids*.

Light Gas Oils. Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

Liquefied Petroleum Gases (LPG). A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

Low-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

Lubricants. Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

Merchant Oxygenate Plants. Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

Methanol (CH_3OH). A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

Middle Distillates. A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

Military Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Miscellaneous Products. Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils). Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

Conventional Gasoline. Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

Ed 55 and Lower. Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

Greater than Ed55. Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

OPRG. "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

Oxygenated Gasoline (Including Gasohol). Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

Reformulated Gasoline. Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of federal-program reformulated gasoline even though the gasoline

may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

Reformulated (Blended with Alcohol). Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

Reformulated (Blended with Ether). Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

Reformulated (Non-Oxygenated). Reformulated gasoline without added ether or alcohol components.

Motor Gasoline Blending. Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

Conventional Blendstock for Oxygenate Blending (CBOB). Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

Gasoline Treated as Blendstock (GTAB). Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional

motor gasoline blending components when reported as a subset of motor gasoline blending components.

Reformulated Blendstock for Oxygenate Blending (RBOB). Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

RBOB for Blending with Alcohol. Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

RBOB for Blending with Ether. Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

All Other Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g. fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

MTBE (Methyl tertiary butyl ether) (CH_3)₃ COCH_3 . An ether intended for gasoline blending as described in Oxygenate definition.

Naphtha. A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

Naphtha Less Than 401° F. See **Petrochemical Feedstocks**.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note: Beginning with January 2004 data, naphtha-type jet fuel is included in **Miscellaneous Products**.

Natural Gas. A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

Natural Gas Liquids. Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see **Natural Gas Plant Liquids**) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see **Lease Condensate**).

Natural Gas Plant Liquids. Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

Natural Gas Processing Plant. Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon, (C_5H_{12}), obtained by fractionation of natural gasoline or isomerization of normal pentane.

Net Receipts. The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

Normal Butane. See **Butane**.

OPEC. An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current members (with years of membership) include Algeria (1969-present), Angola (2007-present), Ecuador (1973-1992 and 2007-present), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-present), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and Venezuela (1960-present). Countries no longer members of OPEC include Gabon (1975-1994) and Indonesia (1962-2008).

Operable Capacity. The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

Operable Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

Operating Capacity. The component of operable capacity that is in operation at the beginning of the period.

Operating Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

Other Hydrocarbons. Materials received by a refinery and consumed as a raw material. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

Other Oils Equal To or Greater Than 401° F. See **Petrochemical Feedstocks**.

Other Oxygenates. Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Oxygenated Gasoline. See **Motor Gasoline (Finished)**.

Oxygenates. Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

Fuel Ethanol. Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

Methanol. Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

MTBE (Methyl tertiary butyl ether). Blends up to 15.0

percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

Pentanes Plus. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

Persian Gulf. The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

Petrochemical Feedstocks. Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

Naphtha Less Than 401° F. A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

Other Oils Equal To or Greater Than 401° F. Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

Petroleum Administration for Defense (PAD) Districts. Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

Petroleum Coke. A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6,024 million Btu per barrel.

Catalyst Coke. In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Pipeline (Petroleum). Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including

interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

Plant Condensate. One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Processing Gain. The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

Processing Loss. The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

Product Supplied, Crude Oil. Crude oil burned on leases and by pipelines as fuel.

Production Capacity. The maximum amount of product that can be produced from processing facilities.

Products Supplied. Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

Propane (C_3H_8). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

Propylene (C_3H_6). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Propylene (C_3H_6) (nonfuel use). Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

Refinery-Grade Butane. See *Butane*.

Refinery Input, Crude Oil. Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

Refinery Input, Total. The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

Refinery Production. Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

Refinery Yield. Refinery yield (expressed as a percentage) represents the percent of finished product produced from input of crude oil and net input of unfinished oils. It is calculated by dividing the sum of crude oil and net unfinished input into the individual net production of finished products. Before calculating the yield for finished motor gasoline, the input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components must be subtracted from the net production of finished motor gasoline. Before calculating the yield for finished aviation gasoline, input of aviation gasoline blending components must be subtracted from the net production of finished aviation gasoline.

Reformulated Blendstock for Oxygenate Blending (RBOB). See *Motor Gasoline Blending Components*.

Reformulated Gasoline. See *Motor Gasoline (Finished)*.

Renewable Fuels (Other). Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

Residual Fuel Oil. A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Residuum. Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

Stock Change. The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

Strategic Petroleum Reserve (SPR). Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Sulfur. A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Supply. The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

TAME (Tertiary amyl methyl ether) ($\text{CH}_3)_2(\text{C}_2\text{H}_5)\text{COCH}_3$. An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

Tank Farm. An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

Tanker and Barge. Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts;

from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

TBA (Tertiary butyl alcohol) ($\text{CH}_3)_3\text{COH}$. An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

Toluene ($\text{C}_6\text{H}_5\text{CH}_3$). Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

Ultra-Low Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

Unaccounted for Crude Oil. Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

Unfinished Oils. All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding, those in plant condensate. This product is extracted from natural gas.

United States. The United States is defined as the 50 States and the District of Columbia.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

Wax. A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes

all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

Xylene ($C_6H_4(CH_3)_2$). Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.